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Lancaster Farming

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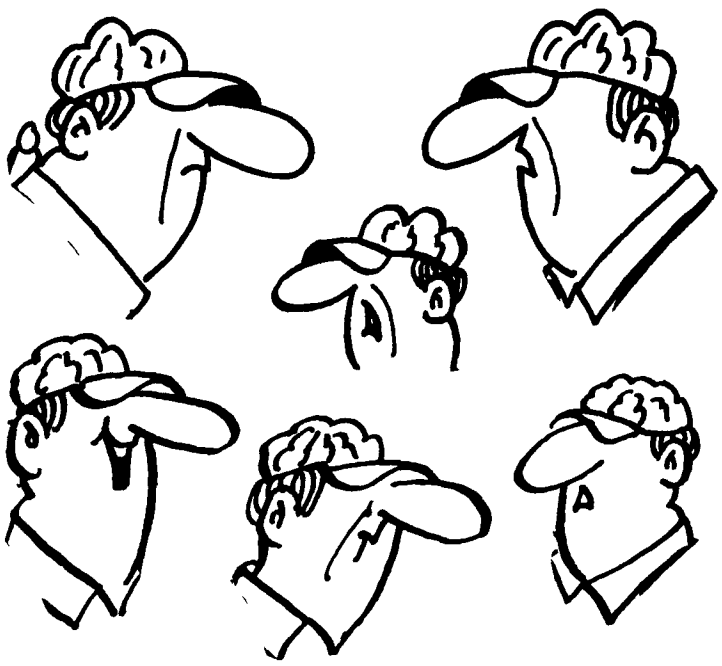
Otis - Otis - Otis - Otis - Otis - Otis - Otis

Many moods of Otis



Last chance to get an Otis Original

See Page A-10

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Reaction to Scheps is mixed

HARRISBURG — The Pennsylvania Milk Marketing Board's decision last week to deny a license-renewal request from Scheps Cheese Company, Bradford County, was met with mixed reaction among state agriculture organizations and leaders.

The Board cited Scheps inability to pay producers and creditors, maintain records and comply with terms of its provisional license in denying the cheese company's request. Scheps Cheese, which owes approximately $6 million to 250 dairy farmers, closed its Bradford County plant last July while still owing money to producers.

The Board's action met with the approval of Keith Eckel, president of the Pa. Farmers' Association. The decision, Eckel said in a release, "demonstrated beyond a reasonable doubt that government is interested in protecting the economic integrity of the dairy industry."

(Turn to Page A30)

Ogline gets unique ag ed post in Mich.

BY DICK ANGLESTEIN

NEW HOLLAND — Phillip Ogline, pioneering environmental ag instructor in the Eastern Lancaster County School District, has been named to develop and coordinate a unique, first-of-its-kind agricultural education program featuring concentrated hands-on experience for students at Michigan State University.

Ogline leaves his vocational ag post after 17 years at Garden Spot High School this week to launch the program at the new Kellogg Biological Station of Michigan State.

Ogline will develop a curriculm and coordinate instruction at the new Biological Station, at which Michigan State ag students will live and work during a 10-week instructional program to gain practical experience in farming and particularly as it is related to protection of the environment.

The Biological Station is located near Kalamazoo, Mich., amidst some 3,000 acres of cropland, forests and marshland donated by the Kellogg Corporation to Michigan State over the past three decades.

Phil Ogline

Kellogg has now followed up the land contributions with a $10 million grant to establish physical facilities for the Biological Station.

Dormitory facilities for 60 students have just been completed at the site.

(Turn to Page A28)

Part V - Production

(Editor's note: Laura England, Dairy Editor of Lancaster Farming, winds up her five-part series on Dairy's Future with a visit today with Don and Angie Koontz, Fredonia, Mercer County. Today's concluding article stresses "Production." After all, that's essentially what dairying is basically about - making milk and now helping to sell it. Also, turn to Laura's editorial on Page A10).

DAIRY'S FUTURE

Whatever it holds, it's in your hands

See related editorial on Page A10

BY LAURA ENGLAND

FREDONIA — When the milk diversion program was passed last December, dairy farmers throughout the state were forced to reevaluate their farm operations. Dairymen pulled out pad and pencil and began figuring out where their dairy operations stood financially.

The question hovering over all farmers was, "Can I afford to sign-up for the program and cut cow numbers?" This question was often followed by the uncertainty dairymen had about the future of the dairy industry and, "Will I be a part of that future?"

Don and Angie Koontz of Fredonia, Mercer County, were among the state's 15,500 forced to make a decision conerning the milk diversion program. By mid-January, the young couple had to determine their future financial stability and decide if the 15-month program would work for them.

They decided it wouldn't.

Don and Angie didn't sign up for the milk diversion program. They didn't sign up because, like many relatively new dairy couples, they couldn't afford to. Signing up would have spelled financial trouble.

"We knew we had to get so much milk and that we couldn't have waited for the first quarter payment even," Don said. "We needed the money right along."

Don also had questions concerning the program's structure, which left him with a negative reaction.

"One of the biggest problems I

(Turn to Page A24)

A young dairy couple, Don and Angie Koontz, Fredonia, began their own dairy farm - raising Jerseys - in the fall of 1979.

"Everybody's goal seems to be to get back where they were before diversion."

Livestock market and auction news

Lancaster Market

Monday, June 25
Report Supplied By USDA

	Cattle	Calves	Hogs	Sheep
Today	1547	204	1045	623
Last Monday	1783	131	1009	303
Last Year	1313	107	762	479
Monday's Auction	1617	211	1011	666
Last Monday's Auction	1809	142	960	394

CATTLE: Compared to last Monday slaughter steers steady to 1.00 lower, with most decline on Good and low Choice; slaughter heifers 1.00 lower; cows 50-1.00 lower; bullocks scarce, generally steady; bulls steady. Supply included 66% slaughter steers, 14% heifers, 9% cows, and 11% bulls.

SLAUGHTER STEERS: High Choice and Prime 3-4 1150-1475 lb. 65.00-67.00; Choice 2-4 1050-1400 lb. 62.00-64.75; Choice 2-3 1000-1250 lb. 61.25-63.00; high Good and low Choice 2-3 1000-1350 lb. 59.00-61.50; few Good 2-3 58.00-59.00; Good Holsteins 1400-1550 lb. 50.00-51.25, Standard 900-1150 lb. 44.00-48.25.

SLAUGHTER HEIFERS: Choice 2-3 850-1050 lb. 57.00-61.25, few to 62.25; Good 2-3 850-1100 lb. 53.00-57.25, few high yielding to 59.75; Good to Commercial 950-1125 lb. heiferettes 44.00-52.00.

COWS: Breaking Utility and Commercial 2-4 42.00-44.00, few to 45.00; Cutter and Boning Utility 1-3 39.00-41.00; Canner and low Cutter 32.00-36.00.

BULLOCKS: Few Choice 1100-1200 lb. 56.25-62.75.

BULLS: Yield grade 1 1200-1900 lb. 52.50-56.75, few to 59.00; yield grade 2 1000-1400 lb. 48.50-52.75.

VEAL CALVES: Choice and Prime vealers 10.00-20.00 lower, Good and Choice steady to 5.00 lower; slaughter calves steady to 5.00 lower.

VEALERS: High Choice and Prime 270-350 lb. 90.00-108.00; Choice 160-320 lb. 75.00-90.00; high Good and low Choice 120-160 lb. 50.00-75.00, 80-115 lb. 45.00-62.00.

SLAUGHTER CALVES: Good and Choice 300-450 lb. 45.00-60.00.

RETURNED TO FARM: 90-125 lb. Holstein bulls 75.00-95.00.

SHEEP: Spring lambs 1.00-7.00 lower; slaughter ewes steady to 5.00 higher. Supply included around 100 goats.

SPRING LAMBS: Choice and Prime 85-110 lb. 55.00-58.00; Choice 80-105 lb. 53.00-55.00; Good 60-85 lb. 50.00-53.00.

SLAUGHTER EWES: Utility and Good 10.00-20.00.

GOATS: All goats sold by the head; mature goats 45.00-65.00; kid goats 35.00-45.00.

Vintage Auction

Tuesday, June 26
Report supplied by USDA

	Cattle	Calves	Sheep	Goats
Today	1565	758	21	2
Last Tuesday	1486	799	40	3
Last Year	1395	849	38	2

CATTLE: Compared to last Tuesday slaughter steers uneven, Choice and Prime 25-50 higher, Good to low Choice mostly 1.00 lower; insufficient volume slaughter heifers to test market; cows steady to 1.00 lower; bulls limited, firm. Supply included 75 percent slaughter steers and 20 percent cows.

SLAUGHTER STEERS: High Choice and Prime 3-4 1150-1450 lb. 65.75-67.50, several to 68.00; Good and Choice 1-2 62.50-66.50; Choice 2-4 1100-1325 lb. 62.00-65.50; high Good and low Choice 2-3 1000-1325 lb. 58.50-62.50; Good and Choice 1250-1475 lb. Holsteins 50.75-53.75, Standard 1000-1300 lb. 45.00-49.25.

SLAUGHTER HEIFERS: No market test available.

COWS: Breaking Utility and Commercial 2-4 42.50-45.25, few to 46.50; Cutter and Boning Utility 1-3 40.00-44.75; Canner and low Cutter 36.00-39.75.

BULLS: Yield grade 1 1200-1990 lb. 51.75-54.00; yield grade 2 1000-1400 lb. 48.00-51.75; couple Good 900-1400 lb. bullocks 55.00-56.00.

VEAL CALVES: Vealers 2.00-5.00 higher. Supply included 601 in graded sale of which 82 percent sold to return to farm.

VEALERS: High Good and low Choice 160-260 lb. 67.00-82.00, 120-160 lb. 55.00-72.00, 80-115 lb. 44.00-54.00, 70-80 lb. 37.00-41.00.

SLAUGHTER CALVES: Few Good and Choice 240-360 lb. 47.00-55.00.

RETURNED TO FARM: Holstein heifers, 53 head 90-115 lb. 49.00-55.00. Holstein bulls, 235 head 100-115 lb. 88.00-93.00, 30 head 120-125 lb. 84.00-85.00, 40 head 90-95 lb. 72.00-75.00; 145 head small frame 90-115 lb. 47.00-51.00.

SHEEP: Spring lambs 2.00-5.00 lower; slaughter ewes scarce.

SPRING LAMBS: Few Choice 70-90 lb. 48.00-54.00; few Good 40-60 lb. 41.00-46.00.

SLAUGHTER EWES: No test.

GOATS: No test.

Lancaster Auction

Wednesday, June 27
Report supplied by USDA

	Cattle	Calves	Hogs	Sheep
Today	461	63	646	17
Last Wednesday	449	25	778	17
Last Year	226	35	557	18
Wednesday's Auction	384	38	682	17
Last Wednesday's Auction	387	30	714	0

CATTLE: Compared to Monday limited supplies slaughter steers 1.00-2.00 lower, with most decline on Good and low Choice; not enough slaughter heifers to test market; cows steady, bulls steady. Supply included 48 percent slaughter steers, 9 percent slaughter heifers, 35 percent cows, and 7 percent bulls.

SLAUGHTER STEERS: High Choice and Prime 3-4 1150-1350 lb. 64.00-65.75; Choice 2-4 1050-1250 lb. 61.00-64.25; mixed Good and Choice 2-3 1000-1200 lb. 56.00-60.50; few Good Holsteins 1375-1600 lb. 47.75-51.00.

SLAUGHTER HEIFERS: Few Good to Commercial 800-950 lb. heiferettes 45.00-48.00.

COWS: Breaking Utility and Commercial 2-4 42.00-44.25, couple 45.00; Cutter and Boning Utility 1-3 39.00-41.25; Canner and low Cutter 31.00-36.00.

BULLS: Yield grade 1 1400-1600 lb. 53.25-57.50.

VEAL CALVES: Vealers generally steady in light test.

VEALERS: High Good and low Choice 80-120 lb. 48.00-62.00, few 175-250 lb. 50.00-65.00.

SHEEP: No test.

New Holland Livestock

Thursday, June 28
Report supplied by auction

	Cattle	Calves	Sheep	Goats
Today	1496	695	78	19
Last Thursday	1784	637	55	20
Last Year	1186	438	48	10

CATTLE: Compared to last Thursday slaughter steers steady to 50 higher, most advance on high Choice and Prime; not enough slaughter heifers to establish trend; cows 1.00-2.00 lower; not enough bullocks to test; bulls steady to 50 lower. Supply included 71 percent steers and 23 percent cows.

SLAUGHTER STEERS: High Choice and Prime 3-4 1150-1450 lb. 64.25-66.50, several to 66.75 and few 67.50-68.10; Choice 2-4 1050-1300 lb. 61.50-65.50; Good and Choice 1-2 1200-1475 lb. 60.75-63.00; mixed Good and Choice 2-3 1050-1475 lb. 58.00-62.00; Good 2-3 1050-1475 lb. 55.00-59.00; Good and Choice 1060-1600 lb. Holsteins 51.75-55.75, Standard 46.75-49.85.

SLAUGHTER HEIFERS: Few Good and Commercial 2-4 heiferettes 1000-1400 lb. 41.25-47.50.

COWS: Breaking Utility and Commercial 2-4 42.25-44.50, couple 46.75-47.50; Cutter and Boning Utility 1-3 40.00-43.50; Canner and low Cutter 35.50-39.75.

BULLS: Yield grade 1 1270-1600 lb. 51.25-53.75, couple 54.00-56.00; yield grade 2 1040-1400 lb. 51.25-53.25.

VEAL CALVES: Choice and Prime vealers 12.00-24.00 lower, Good and Choice 2.00-12.00 lower. Demand moderate for Holstein bulls to return to farm.

VEALERS: Few high Choice and Prime 160-325 lb. 103.00-108.00; Choice 160-325 lb. 60.00-76.00; high Good and low Choice 160-325 lb. 54.00-61.00, 120-160 lb. 49.00-54.00, 80-115 lb. 50.00-57.00, 60-80 lb. few 42.00-49.00.

SLAUGHTER CALVES: Good and Choice 300-400 lb. 40.00-49.00.

RETURNED TO FARM: Holstein bulls, 90-115 lb. 88.00-99.00; few uncertified calves 30.00-43.00.

SHEEP: Spring lambs 4.00-9.00 higher; slaughter ewes no comparison available.

SPRING LAMBS: Choice and Prime 50-75 lb. 60.00-72.00, few to 76.00, two head 80.00; Choice 75-105 lb. 50.00-65.00; few Good 60-80 lb. 45.00-55.00.

SLAUGHTER EWES: Utility and Good 15.00-21.00.

GOATS: All goats sold by the head; mature 46.00-51.00; kids 16.00-30.00.

Lancaster County Weekly

Friday, June 29, 1984

	Cattle	Calves
This Week	5525	1750
Last Week	5463	1608
Last Year	4417	1441

CATTLE: Demand moderate for Choice and Prime steers, light for heavy supplies of Good and low Choice; Choice and Prime steers generally steady, Good and low Choice steady to 4.00 lower; slaughter heifers steady to weak in limited test; cows 1.00-1.50 lower; bullocks generally steady in limited test; bulls firm. Supply included 64% slaughter steers, 6% heifers, 17% cows, 5% bulls, balance feeders.

SLAUGHTER STEERS: High Choice and Prime 3-4 1150-1475 lb. 64.00-67.50, some to 68.10; Choice 2-4 1050-1400 lb. 61.25-65.50; Good and Choice 1-2 1200-1475 lb. 60.75-66.50; Good and Choice 2-3 1050-1475 lb. 58.50-62.50; Good 2-3 1050-1075 lb. 55.00-59.00; Good and Choice 1060-1600 lb. Holsteins 47.75-55.75, Standard 1060-1600 lb. 44.00-49.85.

SLAUGHTER HEIFERS: Choice 2-3 850-1050 lb. 57.00-61.25, few to 62.25; Good 2-3 850-1100 lb. 53.00-57.25, few to 59.75; Good to Commercial 2-4 heiferettes 800-1400 lb. 41.25-52.00.

COWS: Breaking Utility and Commercial 2-4 42.00-45.25, few 46.50-47.50; Cutter and Boning Utility 1-3 39.00-44.75; Canner and low Cutter 341.00-39.75.

BULLOCKS: Good and Choice 900-1400 lb. 55.00-62.75.

BULLS: Yield grade 1 1200-1900 lb. 51.25-57.50, few to 59.00; yield grade 2 1000-1400 lb. 48.00-53.25.

VEAL CALVES: Demand light for vealers, moderate to Holstein bulls to return to farm. Choice and Prime vealers 13.00-22.00 lower, Good and Choice under 160 lb. steady to 10.00 lower.

VEALERS: High Choice and Prime 160-325 lb. 90.00-108.00; Choice 160-325 lb. 60.00-76.00; Good and Choice 160-325 lb. 50.00-82.00, 120-160 lb. 49.00-72.00, 80-120 lb. 44.00-62.00, 60-80 lb. 37.00-49.00.

SLAUGHTER CALVES: Good and Choice 240-420 lb. 40.00-55.00.

RETURNED TO FARM: Few Holstein heifers 90-115 lb. 49.00-55.00. Holstein bulls, 95-115 lb. 88.00-99.00, 90-95 lb. 72.00-75.00, small frame 90-115 lb. 47.00-51.00; few uncertified 30.00-43.00.

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9:00 A.M — Slaughter Bulls, Heifers, Steers, Cows
11:00 A.M. — Veal Calves, Lambs, Hogs
TUESDAY
10:00 A.M. — Slaughter Hogs
1:00 P.M. — Feeder Pigs
WEDNESDAY
8:00 A.M. — Slaughter Hogs
10:00 A.M.— Slaughter Bulls, Heifers, Steers, Cows
11:00 A.M. — Veal Calves, Lambs, Hogs
12 NOON — Slaughter Sale Load Lot (5 or more)
FRIDAY
11:00 A.M. — Stocker and Feeder Cattle
SATURDAY
8:00 A.M. — Slaughter Hogs

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FRIDAY, JULY 6th

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Also Hay Sale every Tuesday at 12 30

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HOG MARKETS

Lancaster Hogs
Lancaster Stockyards
Monday, June 25
Report supplied by USDA

HOGS: Compared to last Wednesday barrows and gilts steady to .50 higher; sows 1.00 higher.

BARROWS AND GILTS: US 1-2 210-250 lb. 53.75-55.25. US 1 210-250 lb. 55.50-56.00. US 1-3 200-265 lb. 53.50-53.75.

SOWS: US 1-3 300-500 lb. 39.00-43.00, few to 44.25.

Tuesday, June 26

Today	184
Last Tuesday	285
Last Year	351

TREND: Compared to Monday barrows and gilts steady to .50 higher.

BARROWS AND GILTS: US 1-2 210-250 lb. 54.35-55.50. US 1-3 200-250 lb. 53.50-54.50.

Wednesday, June 27

HOGS: Compared to Tuesday barrows and gilts 1.75 higher; sows 1.00 lower.

BARROWS AND GILTS: US 1-2 210-250 lb. 54.75-55.75. US 1 210-240 lb. 55.75-58.00. US 1-3 200-265 lb. 53.75-54.75.

SOWS: US 1-3 350-650 lb. 38.00-42.00.

Westminster Feeder Pigs
Friday, June 22
Report supplied by auction

941 pigs: Larger run, compared to May's sale prices were $8.00-25.00 per hundred lower. All pigs weighed on arrival and sold by the pound.

US 1&2: 27 head 14-24 lbs. 87.00-101.00; 130 head 33-38 lbs. 84.00-94.00.

US 1: 30 head 43 lbs. 106.00.

US 1&2: 266 head 40-49 lbs. 81.00-95.00; 158 head 52-59 lbs. 71.00-83.50; 117 head 60-66 lbs. 70.00-80.00; 48 head 70-77 lbs. 67.00-86.00.

US 2: 66 head 31-37 lbs. 75.00-83.00; 45 head 40-48 lbs. 75.00-85.00; 39 head 52 lbs. 65.00-80.00.

Vintage Hogs
Vintage Sales Stables
Saturday, June 23
Report supplied by auction

1's & 2's, 210-244, 52.75-53.75; 2's & 3's, 204-248, 52.00-52.75; lightweight, 185-200, 48.75-52.00; heavyweight, 253-267, 49.50-52.75; Sows, 340-790, 38.00-40.50; Boars, 210-215, 41.00; Boars 595-610, 33.75.

Lancaster Feeder Pigs
Tuesday, June 26
Report supplied by USDA

Today	897
Last Tuesday	854
Last Year	1143

TREND: Compared to last Tuesday feeder pigs 5.00-10.00 higher, instances 15.00 higher. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 35 head 30-39 lbs. 109.00-121.00; 223 head 40-49 lbs. 100.00-113.00, few 117.00; 71 head 50-59 lbs. 95.00-106.00; 74 head 60-69 lbs. 90.00-94.00; 6 head 70-75 lbs. 89.00-91.00.

US 2: 40 head 20-29 lbs. 127.00-128.00; 52 head 30-39 lbs. 104.00-118.00; 37 head 40-49 lbs. 101.00-104.00; 6 head 50-59 lbs. 91.00-97.00; 40 head 60-69 lbs. 90.00-93.00; 4 head 95-110 lbs. 59.00-61.00.

US 2-3: 15 head 28 lbs. 120.00; 20 head 30-39 lbs. 100.00-107.00; 38 head 40-49 lbs. 84.00-90.00; 5 head 50-59 lbs. 70.00-75.00.

Indianapolis Hogs
Thursday, June 28
Report supplied by USDA

1000. Barrows and gilts slow, mostly .50 lower.

BARROWS & GILTS: US 1-2 220-250 lb. 54.00-54.25, 50 head 54.50.

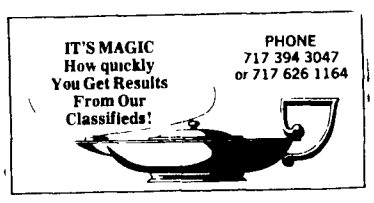
SOWS: Moderately active, steady to weak. (12%) US 1-3 a few Medium in some lots. 380-500 lb. 43.00-44.00; 500-600 lb. 44.00-45.00.

BOARS: Under 250 lb. scarce; over 250 lb. 40.00, lot near 280 lb. included 40.00.

Lancaster Hogs
Lancaster Stockyards
Saturday, June 23
Report supplied by auction

650 head.

US 1 220-250 lbs. 54.00-55.75, 30 head from 56.00-56.75; US 1 & 2 220-260 lbs. 53.00-53.75; US 1 & 3 220-260 lbs. 52.50-53.00; Sows over 500 lbs. 40.00-43.00; under 500 lbs. 39.00-43.25; Boars over 300 lbs. 43.50-36.50.



New Holland Hogs
New Holland Sales Stables
Monday, June 25
Report supplied by USDA

Today	1839
Last Monday	1473
Last Year	1776

TREND: Compared to last Monday barrows and gilts steady to 1.00 higher than last week's full range.

BARROWS AND GILTS: US 1-2 210-250 lb. 53.25-54.50. US 1 210-250 lb. 55.00-56.75. US 1-3 210-260 lb. 52.85-53.25. US 2-3 few 265-290 lb. 50.00.

St. Louis Hogs
Thursday, June 28
Report supplied by USDA

4000. Barrows & gilts active, .50 lower.

BARROWS & GILTS: US 1-2 210-260 lb. 53.75-54.25. US 1-3 200-240 lb. 53.00-53.50; 260-270 lb. 53.00; 270-290 lb. 52.00-53.00.

SOWS: Steady-.50 lower. (About 10%) US 1-3 300-500 lb. 45.00; over 500 lb. 45.00-46.50.

BOARS: Over 250 lb. 42.50; under 250 lb. 45.00.

Peoria Hogs
Thursday, June 28
Report supplied by USDA

3000. Barrows & gilts moderate, .50 lower.

BARROWS AND GILTS: US 1-2 220-250 lb. 53.50-54.00, near 200 head 54.25. US 1-3 200-250 lb. 52.50-53.50.

SOWS: Steady-1.00 higher, most advance on weights over 500 lb. (15%) US 1-3 350-500 lb. 45.00-45.50; 500-650 lb. 46.50-47.00, few 45.50.

New Holland Feeder Pigs
Wednesday, June 27
Report supplied by USDA

Today	806
Last Wednesday	923
Last Year	991

TREND: Compared to last Wednesday feeder pigs 2.00-7.00 lower. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 45 head 30-39 lbs. 80.00-91.00; 128 head 40-49 lbs. 78.00-82.00; 53 head 50-59 lbs. 74.00-79.00; 44 head 60-69 lbs. 70.00-74.00; 45 head 78-95 lbs. 60.00-70.00.

US 2-3: 54 head 29-29 lbs. 82.00-100.00, few lots 102.00-112.00; 191 head 30-39 lbs. 58.00-71.00; 99 head 40-49 lbs. 71.00-76.00; 49 60-69 lbs. 51.00.

U.S. Inspected Livestock Slaughter

Estimated Daily Livestock

CATTLE	CALVES	HOGS	SHEEP
Week to Date (Est.)			
533,000	42,000	1,109,000	92,000
Same Period Last Week (Est.)			
542,000	43,000	1,131,000	96,000
Same Period Last Year (Act.)			
518,000	39,000	1,224,000	80,000

Futures Trading

(Closing Bids as of Thursday, June 28)

Mo.	Chicago Cattle	Chicago Hogs	NY Maine Potatoes
July		54.62	
Aug.	64.80	55.22	
Oct.	63.72	53.30	
Nov.			3.65
Dec.	64.97	54.45	
Feb. '85	65.10	55.65	
April '85	65.60	51.65	
May '85			5.03

Trends - Cattle - stronger; Hogs - weaker; Potatoes - weaker.
Market Provided by Merrill-Lynch Commodities, York

Chicago Grain Futures

(Closing Bids as of Thursday, June 28)

Mo.	Corn	Wheat	Soybeans	Soybean Meal
July	3.47¼	3.49	7.17¾	173.30
Aug.			7.23½	177.20
Sept.	3.21½	3.54¾	7.17¾	179.60
Nov.			7.10½	
Dec.	3.03¼	3.68½		186.70
Jan. '85			7.21½	
Mar. '85	3.13	3.78¼	7.34	
May '85	3.17½	3.80	7.44	

Trends - Corn - stronger; Wheat - weaker; Soybeans - stronger; Soybean Meal - stronger.
Market Provided by Merrill-Lynch Commodities, York

ATTENTION HOG PRODUCERS

Now you have a choice of marketing your fat hogs on any one of 4 days a week through Walter M. Dunlap and Sons.

The starting times for each day are as follows:

Monday at 11 A.M., Tuesday at 10 A.M., Wednesday and Saturday at 8 A.M.

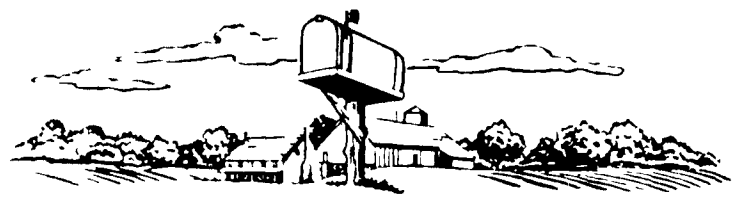
Consign your fat hogs to Walter M. Dunlap and Sons where they will be handled by experienced and capable personnel. All hogs weighed upon arrival.

For market information contact Ken Smoker or Ollie Nagle at 717-397-5136.

FEEDER PIG SALE
Every Tuesday - Starting at 1 P.M.

CLOSED FOR BUSINESS
WEDNESDAY, JULY 4th

Walter M. Dunlap and Sons
Lancaster Stockyards
Tel. (717) 397-5136
An Old Line Commission Firm Keeping Abreast With The Times



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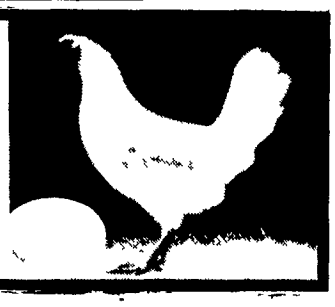
POULTRY MARKETS



Weekly New York Egg Market

From Friday, June 22 to Thursday, June 28

	Fri.	Mon.	Tues.	Wed.	Thurs.
WHITE					
Jumbo	.85	.85	.85	.85	.85
Ex Large	.79	.79	.79	.79	.79
Large	.74	.74	.74	.74	.74
Medium	.61	.61	.61	.61	.58
Pullets	.44	.44	.44	.44	.43
Off Grade	.63	.63	.63	.63	.63
BROWN					
Jumbo	—	—	—	—	—
Ex Large	.87	.87	.87	.87	.87
Large	.83	.83	.83	.83	.83
Medium	.65	.65	.65	.65	.65
Pullets	Unquoted				
Peewees	Unquoted				
Off Grade					
Undergrades	.45	.45	.45	.45	.44
Checks	.43	.43	.43	.43	.42

Breaking Stock: Friday - 15.00-15.30, 15.60-15.90; Thursday - 14.40-15.00, 15.00-15.60.

N.E. Weekly Shell Egg Report

Tuesday, June 26
Report supplied by USDA

Prices paid per dozen Grade "A" Brown eggs in cartons delivered to retail stores:

	Ex. Large	Large	Medium	Small
MASS.X	.92-.94	.90-.92	.70-.72	.47-.49
Mostly	—	—	—	—
N. HAMP.	.83-.87	.81-.85	.61-.65	.38-.42
Mostly	.85-.86	.83-.84	.63-.64	.40-.41
R.I.	.80-.91	.87-.89	.67-.69	.45
Mostly	.90	.88	.68	.45
VERMONT	.95-.99	.89-.97	.75-.77	—
Mostly	.95-.97	.93	.75-.76	—
MAINE	.90-.95	.88-.93	.68-.73	.45-.50

X Includes Central and Western Sections only.

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P.O. Box 366 - Lititz, PA 17543
Office: 22 E. Main St., Lititz, PA 17543
Record-Express Office Building
Phone: Lancaster 717-394-3047
or Lititz 717-626-1164

Robert G. Campbell, Publisher
Dick Anglestein, Editor
Suzanne Keene, Home Editor
Jack Hubley, Associate Editor
Laura England, Associate Editor

NEWS CORRESPONDENTS

Patty Gross, Bedford, Blair, Huntingdon counties
Martinsburg 814-793-4256

Robin Phillips, Berks County
Mohrsville 215-926-1261

Jane Bresee, Bradford County
Ulster 717-358-3346

Beth Hemminger, Cumberland, Franklin and Perry counties
Newville 717-486-5322

Sally B Bair, Lancaster County
Columbia

Joyce Bupp, York County
Seven Valleys

Nancy Kunick, Crawford & surrounding counties
Centerville 814-694-2571

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Heinsey's Poultry Market

Root's, East Petersburg
Tuesday, June 26
Report supplied by auction

RABBITS: 4-6 lbs. range .60-.82 per lb.

RABBITS: 7-11 lbs. range .40-.58 per lb.

BUNNIES: .50-1.00 ea.

GUINEA PIGS: range 1.25-2.25 ea.

GOATS: range 20.00-49.00 ea.

KID GOATS: range 17.00-35.00 ea.

TOTAL NUMBER COOPS: 278.

Philadelphia Eggs

Thursday, June 28
Report supplied by USDA

MARKET COMMENT: Prices are unchanged. Undertone steady to barely steady. Cartoned egg demand is no better than fair; however, some improvement is seen where stores place orders for weekend needs. Promotional activity is spotty but stimulates some additional demand. Supplies and offerings are at least adequate on large and lighter weight sizes. Extra large and class 1's are less difficult to procure but remain generally only adequate.

Prices to retailers: sales to volume buyers, consumer grades white eggs in cartons delivered store door:

A Extra Large .71-.73; A Large .70-.72; A Medium .56-.58.

New York Multiple Drop Broiler Report

Thursday, June 28
Report supplied by USDA

Current broiler/fryer negotiated prices for immediate delivery includes mostly multiple drop shipments to New York City from Delmarva.

RANGE: U.S. Grade A .61-.67; Weighted AVG.: U.S. Grade A 65.51; Premium (X) Boxes 12,649.

(X) Includes special services, selected competitive brands, etc.

Delmarva Poultry

Thursday, June 28
Report supplied by USDA

Market Comment: Ready to cook movement of whole birds is good and keeps most plants in good balance to well cleared. Movement on parts is best on cutlets. Other items clear satisfactory but asking prices are more negotiable particularly on eggs.

Slaughter schedules are heavy. Live supplies adequate. Weights are generally desirable to light. Undertone cautiously firm.

Today's L.T.L. asking prices are unchanged to 1 cent higher on U.S. Grade A at 62-68 cents.

Estamated slaughter of broiler fryers in Delmarva (000).

Estimated 6/28 1,991; Actual 6/21 1,943; Actual 6/26 1,938; Average Weights 6/26 4.25; Average Weights 6/19 4.32.

Eastern Pa. & N.J. Poultry

Wednesday, June 27
Report supplied by USDA

Market Comment: Prices are generally lower compared to last week. Undertone steady. Slaughter schedules are irregular. Offerings are adequate to short. Plants are closed next Wednesday for the holiday, and an occasional plant anticipates further curtailment if supplies fail to increase from current levels. Finished product sales are mostly moderate.

Prices Paid at Farm:

Light Type Hens: 7-8, mostly 7-7½.

F.O.B. Plant: 10¼-11½, mostly 11-11½.

Belknap Livestock

Dayton, Pa.
Wednesday, June 27
Report supplied by PDA

CATTLE 67. Compared with last Wednesday's market, slaughter cows mostly $3 lower. Few Standard slaughter steers 49.00-52.00, few Utility 42.50-45.25. Few Breaking Utility and Commercial slaughter cows 41.75-45.00, Cutter and Bonign Utility 37.00-42.00, Canner and Low Cutter 30.00-37.00. Few Standard slaughter bullocks 51.00-52.75. Few Yield Grade No. 1 1315-1860 lbs. slaughter bulls 51.25-55.00, one #2 1090 lbs. at 48.00.

FEEDER CATTLE: Few Medium Frame #1 340-430 lbs. feeder heifers 43.00-46.00, few #2 330-440 lbs. 29.00-36.00.

CALVES 67. Couple Prime vealers 66.00 & 69.00, few Choice 57.00-61.00, few Good 50.00-58.00, few Standard 40.00-46.00, Standard & Good 90-110 lbs. 52.00-57.00, 65-85 lbs. 40.00-52.00, Utility 50-110 lbs. 20.00-40.00.

FARM CALVES: Holstein Bulls 90-130 lbs. 60.00-80.00.

HOGS 206. Barrows and gilts .50-1.50 higher. US No. 1-2 220-245 lbs. barrows and gilts 53.00-53.75, No. 1-3 2-260 lbs. 51.70-53.25, No. 2-3 205-295 lbs. 45.00-50.50, lot No. 1-3 180 lbs. at 43.50. Sows $2 higher. US No. 1-3 340-590 lbs. sows 35.00-42.00. Boars 28.00-35.00.

FEEDER PIGS 187. US No. 1-3 20-35 lbs. feeder pigs 19.00-30.00 per head, No. 1-3 35-50 lbs. 30.00-40.00, No. 1-3 50-65 lbs. 40.00-43.00, lot Utility 25 lbs. at 17.00 per head.

SHEEP 17. Choice 60-110 lbs. spring slaughter lambs 40.00-52.00. One Slaughter ewe at 7.50.

GOATS 16: 3.00-30.00 per head.

The Farm Size Milling System that weighs each ingredient.

Master Mill

automatic farm systems
608 Evergreen Rd.
Lebanon, PA 17042
(717) 274-5333

Depend on Moyer's to deliver...

If your livelihood depends on your ability to obtain quality chicks or started pullets then you can depend on Moyer's. Even through the present shortages of hatching eggs and chicks, Moyer's still has a few open hatch dates of 20-30,000 lots of pullets available.

Whether its custom grown started pullets, day-old chicks, or broilers, you can depend on Moyer's to deliver. Don't wait to contact a Moyer's representative at 215-536-3155 or 717-677-8473.

Moyer's CHICKS, INC.

DEKALB BROWN & WHITE EGG LAYERS

Quakertown, PA 18951
(215) 536-3155

HUBBARD WHITE MT BROILERS

NEW NEW

#563

HIGH ENERGY

DAIRY PELLETS

13% PROTEIN (MIN.)

6% FAT (MIN.)

12% FIBER (MAX.)

#563 is a NEW, HIGH ENERGY, BUFFERED dairy feed specially formulated to be fed with HAYLAGE-RYELAGE roughage programs.

FOR MORE INFORMATION, CONTACT

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From Md.
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pennfield feeds

Quality - Performance - Service

HAY MARKETS

New Holland Hay

New Holland Sales Stables
Monday, June 25
Report supplied by auction

114 loads. Market active. Prices steady on hay, straw and corn.

Alfalfa, mostly new Hay, 80.00-100.00, few lds. old Hay, 122.00, 123.00, 1 ld., 300.00; Mixed Hay, 80.00-120.00, few old Grass Hay, 60.00-75.00; Timothy, 84.00-115.00.

Mixed Grass, 76.00-90.00, 1 ld., Oats Hay, 62.00; Straw, mostly 80.00-90.00, few up to 93.00; Ear Corn, mostly 130.00-133.00, few up to 149.00, 1 ld. with mold, 92.00.

Good's Hay

Leola, Pa.
Wednesday, June 27
Report supplied by auction

67 loads.

Mixed Hay, 87.00 (new), 89.00-135.00 (old); Alfalfa, 90.00, 91.00 (new), 91.00-103.00 (old); Timothy, (2 new), 102.00-103.00, (old), 100.00-120.00; 1 ld. Clover, 64.00 (new); Straw, 84.00-111.00; Corn, 123.00-141.00; 1 ld. Hay Straw, 75.00.

Leinbach's Hay

Shippensburg, Pa.
Tuesday June 26
Report supplied by auction

22 loads.

Mixed hay 61.00-77.00; Timothy 58.00-70.00; Bromegrass 62.00-70.00; Straw 76.00-85.00; Ear corn 124.00-144.00.

Keister's Hay

Middleburg, Pa.
Tuesday, June 26
Report supplied by auction

13 loads.

Timothy 62.50-70.00; Mixed hay 50.00-85.00; straw 65.00-87.50; Ear corn 125.00-137.50; Oats 2.80-2.85/bushel.

King's Auction

Kirkwood, Pa.
Tuesday, June 26
Report supplied by auction

9 loads.

Alfalfa and Mix, 75.00-99.00; Grass and Mix, 71.00-74.00; Timothy, 102.00; Clover, off color, 57.00; Straw, 62.00-98.00.

Regional Hay

Friday, June 22
Report supplied by PDA

(All hay No. 2 and better, prices paid by dealers at the farm, and per ton.)

New crop hay steady, straw steady.

Alfalfa 70.00-80.00; Mixed hay 65.00-75.00; Timothy hay 60.00-75.00; Straw 50.00-75.00, few 85.00; Mulch 30.00-50.00.

Green Dragon Hay

Ephrata, Pa.
Friday, June 22
Report supplied by PDA

27 loads hay & 12 loads straw.

Alfalfa (two) 70.00 & 74.00; Mixed hay 55.00-130.00, mostly 80.00-110.00; Clover (one) at 65.00; Straw 69.00-90.00; Ear Corn 11 lds. 126.00-140.00, few down 103.00; Corn Foddler 1 ld. at 65.00; Oats 2 lds. 2.85, few 3.00 per bushel; Timothy hay few 102.00-117.00 (2) 130.00 & 172.00.

Pa. Grain

Monday, June 25
Report supplied by PDA

Compared with last Monday's market for Southeastern, Central and South Central, PA.: Corn steady to 3 cents, spots 12 cents higher; Wheat steady to 3 cents lower; Barley steady to 8 cents lower; Oats steady to seven cents lower; Ear Corn steady to $1.00 lower.

Prices paid delivered to dealers dock - (All prices per bushel, except Ear Corn per ton.)

Southeastern Pa.

Corn No. 2-y range 3.90-4.15, average 4.05, New Crop 3.00-3.20; Wheat No. 2 range 3.50-3.70, few reported 3.93, average 3.64, New Crop 3.49-3.71; Barley No. 3 range 2.25-2.55, average 2.40; Oats No. 2 range 2.40-2.70, average 2.55; Soybeans No. 1 range 7.45-7.80, average 7.64, New Crop 7.00-7.15; Gr. Sorghum #2 New Crop 2.65; Ear Corn range 112.00-130.00; average 118.37.

Central Pa.

Corn No. 2-y range 3.80-4.15, average 3.98; Wheat No. 2 range 3.50-3.80, average 3.63; Barley No. 3 range 2.50-2.70, average 2.59; Oats No. 2 range 2.20-2.50, average 2.32; Soybeans No. 1 range few reported 7.50, average 7.50; Ear Corn range 105.00-120.00; average 112.05.

South Central Pa.

Corn No. 2-y range 3.85-4.10, few reported 4.25, average 3.99; Wheat No. 2 range 3.50-3.80, average 3.59; Barley No. 3 range 2.25-2.75, average 2.54; Oats No. 2 range 2.30-2.70, average 2.50; Ear Corn range 120.00-126.00, average 122.71.

Southeastern, Central & South Central Summary

Corn No. 2-y range 3.80-4.15, average 4.02; Wheat No. 2 range 3.50-3.80, average 3.63; Barley No. 3 range 2.25-2.75, average 2.48; Oats No. 2 range 2.20-2.70, average 2.44; Ear Corn range 105.00-130.00, average 117.16.

Western Pa.

Corn No. 2-y range 3.70-4.10, average 3.89; Wheat No. 2 range 3.50-3.74, average 3.61; Barley No. 3 few reported 2.50, average few reported 2.50; Oats No. 2 range 2.20-2.50, average 2.35; Ear Corn range 90.00-115.00, average 101.67.

New Wilmington Livestock

New Wilmington, Pa.
Monday, June 25
Report supplied by PDA

CATTLE 272. Compared with last Monday's market, slaughter cows mostly $1 lower. One Choice slaughter steer at 62.50, one Good at 58.75, Standard 50.00-56.50, Utility 45.00-50.00. Few Choice slaughter heifers 55.50-59.50, Good 51.00-56.00, Standard 45.00-51.00. Breaking Utility & Commercial slaughter cows 44.00-48.00, few 49.00-49.75, one 54.00, Cutter & Boning Utility 40.00-46.00, Canner & Low Cutter 33.00-40.50, Shells down to 25.00. Yield Grade #1 1145-1845 lbs. slaughter bulls 40.00-57.00.

FEEDER CATTLE: Medium Frame #1 500-775 lbs. feeder steers 48.50-58.50. Medium & Large Frame #1 3-680 lbs. feeder heifers 40.00-47.25, #2 325-610 lbs. 35.00-41.50; Medium Frame #1 380-560 lbs. feeder bulls 46.50-55.00.

CALVES 257. Vealers grading Good & Choice $10 lower, Standard fully $15 higher. Choice vealers 60.00-71.00, one at 76.00, Good 50.00-60.00, Standard 42.50-50.00, Standard & Good 90-130 lbs. 40.00-52.00, 65-85 lbs. 30.00-40.00, one lot Utility at 20.00.

FARM CALVES: Holstein Bulls 95-135 lbs. 60.00-79.00; Hol. Heifers 90-120 lbs. 50.00-58.00.

HOGS 600. Barrows and gilts .50-.75 higher. US No. 1-2 205-250 lbs. barrows and gilts 51.25-51.85, few 52.25, No. 1-3 2-265 lbs. 49.85-51.35, No. 2-3 230-290 lbs. 48.75-49.86, No. 1-3 140-190 lbs. 40.00-48.00. Sows strong to $1 higher. US No. 1-3 300-600 lbs. sows 35.00-42.25. Boars 29.00-35.00.

FEEDER PIGS 27. US No. 1-3 28-35 lbs. feeder pigs 20.00-37.00 per head.

SHEEP 228. High Choice & Prime 60-110 lbs. spring slaughter lambs 60.00-68.00, 32 head 76.00-84.00, Choice 60-85 lbs. 45.00-60.00, 45-60 lbs. 30.00-48.00. Slaughter ewes 2.00-14.00.

NEW HOLLAND SALES STABLES, INC. - THE ACTION AUCTION

MONDAY

EARLY BIRD HOG SALE

For Your Protection Your Hogs Must Be Identified

10:00 AM

11:00 AM

HAY
STRAW
GRAIN

1:30 PM

BEEF SALE
CALF, SHEEP, GOATS

WEDNESDAY

12:00 NOON

HEIFERS, BULLS

NEW HOLLAND SALES STABLES, Inc.
12 Miles East of Lancaster
on Route 23, New Holland, Penna

The Action Auction
717-354-4341

Mgr. - Abe Diffenbach - 717-393-4464
Norman Kolb - 717-397-5538
Field Representatives
Alan Diffenbach 717-656-9806
Luke Eberly 215-267-6608 - 738-1865

WEDNESDAY
FEEDER PIG SALE
1:30 P.M.

We endeavor to keep our barns cleaner than yours.
State graded until 12 Noon

THURSDAY

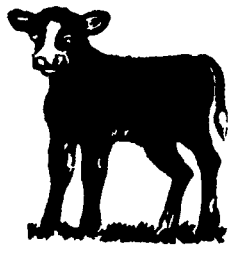
11:00 AM

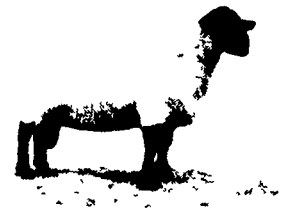
BULLS -

STEERS -
BEEF COWS

3:30 P.M.

CALVES





SHEEP
GOATS

Market your livestock thru New Holland Sales, your neighbor does
Pick-up your check before you leave

Livestock market and auction news

Central U.S. Carlot

Pork Report
Wednesday, June 27
Report supplied by USDA

Compared to Tuesday's 4:00 report: Fresh Pork Loins 14-17 lbs. $1.00 to $3.00 higher, retail trim 14-17 lbs. steady to $1.00 higher, 17-22 lbs. firm light test. Picnics mostly steady. Boston Butts firm. Skinned Hams steady to $2.00 higher. Sdls Bellies weak. Frozen Sdls Bellies steady to $2.00 lower. Trade and offerings moderate. Demand good for loins, moderate for other cuts.

Sales reported on 58 loads of Fresh Pork Cuts and 10 loads of Trimmings and Boneless Processing Pork.

Fresh Pork Cuts

LOINS: (Regular) 14-17 lbs. 100.00, load 101.00, 1.00-3.00 higher; 17-22 lbs. 98.00, firm.

LOINS: (Retail Trim) 14-17 lbs. 109.00, steady; 14-17 lbs. 114.00, 1.00 higher.

PICNICS: 4-8 lbs. 50.00-54.00, mostly 50.00, mostly steady with Monday.

BOSTON BUTTS: 4-8 lbs. 87.00, firm.

SPARERIBS: 3.5/down lbs. 132.00-134.00 (frozen), no comparison; 3.5-5.5 lbs. 96.00 (frozen), no comparison.

SKINNED HAMS: 14-17 lbs. 69.00-70.00, steady to firm; 17-20 lbs. 72.00, 1.00 higher; 20-26 lbs. 73.00, 2.00 higher than Monday; 20-26 lbs. 66.00 (Frozen); 26/up lbs. 69.00.

BELLIES: (Sdls - Skin On): 18-20 lbs. 61.00, weak; 20-25 lbs. 52.50, no comparison.

FROZEN BELLIES: (Sdls - Skin On): 12-14 lbs. 61.00-64.00, mostly 63.00, steady-2.00 lower; 14-16 lbs. 61.00-64.00, mostly 63.00, 2.00 lower.

Pork Trimmings
Boneless Processing Pork
(Chemical Lean)

42% Lean Trimmings Fresh 52.00-53.00, steady-1.00 higher.

42% Lean Trimmings Frozen 50.00.

72% Lean Trimmings Fresh 81.50-82.00, steady to weak.

75% Boneless Picnics Fresh, 84.00-85.00, no comparison.

Greencastle Livestock

Greencastle, Pa.
Monday, June 25, 1984

CATTLE 484. Butcher Steers-Choice 61.50-66.00; Butcher Steers-Medium-Good 50.00-62.00; Butcher Heifers-Choice 57.00-63.00; Butcher Heifers-Medium-Good 44.00-58.00; Butcher Cows-Utility-Good 41.00-46.00 few to 48.00; Butcher Cows-Canners and Cutters 38.00-44.50; Butcher Cows-Shells 38.00 and down; Butcher Bulls-Medium-Good 48.50-56.50; Stock Steers-Medium-Good up to 58.00; Stock Heifers-Medium-Good 50.00.

CALVES 284. Medium-Good Calves-160-220 lbs. 55.00-75.00; Medium-Good Calves-125-160 lbs. 50.00-65.00; Medium-Good Calves-100-120 lbs. 55.00-65.00; Medium-Good Calves- 80-100 lbs. 50.00-60.00; Holstein Bull Calves up to 98.00; Holstein Heifer Calves-65.00; Light And Green Calves down to 35.00.

SHEEP and LAMBS 23. Medium-Good Lambs 45.00-50.00; Butchering Ewes And Bucks 9.00-18.50.

HOGS 179. Good-Choice Butcher Hogs 190-225 lbs. 48.00-51.50; Good-Choice Butcher Hogs 225-250 lbs. 51.00-51.50; Good-Choice Butcher Sows 400 lbs., up to 46.25; Good-Choice Butcher Sows 400 lbs., up-46.50; Heavy Boars-35.25; Pigs-Per Head 12.00-37.50.

Keister's Livestock

Middleburg, Pa.
Tuesday, June 26, 1984
Report Supplied by PDA

CATTLE 438. Compared with last Tuesday's market, slaughter steers $2 lower. Slaughter cows steady to $1 lower. Few High Choice & Prime slaughter steers 64.10-64.75, one at 66.25, Choice 2-4 1000-1320 lbs. 60.00-64, few holsteins 53-54.35, Good 56.00-59, couple to 60.00, few Standard 47.75-52. Few Good slaughter heifers 52-56.50. Breaking Utility & Commercial slaughter cows 42-45.00, couple 47.75, Cutter & Boning Utility 39.75-43.75, couple to 45.00, Canner & Low Cutter 35.50-39.75, few Shells down to 30.00. One Choice slaughter bullock at 52.50. Yield Grade No. 1 900-1975 lbs. slaughter bulls 45-54.85. Few Medium & Large Frame #1 400-700 lbs. feeder steers 45.00-57.00.

CALVES 218. Good & Choice vealers 57.00-77.00, Standard & Good 75-105 lbs. 55.00-60, Utility 60-80 lbs. 45.00-52.00. Holstein Bulls 90-130 lbs. 60.00-91.00.

HOGS 451. Barrows and gilts $1 higher. US No. 1-2 210-235 lbs. barrows and gilts 54.50-55.60, No. 1-3 190-250 lbs. 53.75-54.50, No. 2-3 190-270 lbs. 47-53.75. US No. 1-3 350-600 lbs. sows 40.00-44.00, No. 2-3 280-500 lbs. 36.25-40. Boars 33.50-34.50.

FEEDER PIGS 207. US No. 1-3 20-35 lbs. feeder pigs 28.50-40 per head, No. 1-3 40-65 lbs. 38.00-50 per head.

SHEEP 44. Choice 60-120 lbs. spring slaughter lambs 48.00-56, few 30-35 lbs. 80.00-88. Slaughter ewes 16.00-30.00. GOATS 14: Few Large 28.00-35 per head, Kids 10.00-20 per head.

Oklahoma Cattle

Wednesday, June 27

Estimated Receipts	9,300
Same Day Last Week	7,188

Actual Sales expected to total near 11,000.

Feeder steers and heifers steady. Demand good. Bulk supply medium and large frame 1 and mixed 1-2 500-850 lb. steers and 450-725 lb. heifers.

FEEDER STEERS: Medium and large frame 1 280 lb. 68.25; 350-500 lb. 64.50-70.00, 480 lb. fleshy 62.80; 500-600 lb. 63.00-67.00, lot 530 lb. thin and gaunt 67.00, lot 420 lb. fleshy 61.30; 600-700 lb. 61.00-65.80 bulk 62.00-65.00; 700-800 lb. 60.40-62.70, lot 740 lb. 63.40; 800-900 lb. 59.70-61.40. Medium and large frame mixed 1-2 355 lb. 63.75; 500-600 lb. 58.00-62.25; 600-700 lb. 59.00-61.50; 700-800 lb. 58.75-60.50; 800-950 lb. 56.50-60.00. Medium and large frame 2 350-500 lb. 57.00-61.00; 565 lb. gaunt 59.50; 600-700# 56.50-58.00.

FEEDER HEIFERS: Medium and large frame 1 300-500 lb. most fleshy 53.00-55.50 few 50.00-53.00; 500-750 lb. 55.40-58.30, lot 750# 58.60, half-load 685# 58.90; 800-850# 52.50-54.80. Medium and large frame mixed 1-2 400-500 lb. 51.00-53.50, lot 415# thin 55.90; 500-750# largely 51.00-56.00. Medium frame 2 400-725 lb. 46.50-51.25.

For The Week: Feeder steers and heifers steady to firm. Slaughter cows and bulls 1.00-2.00 lower.

G&M Livestock

Monday, June 25
Duncansville, Pa.
Report supplied by auction

DAIRY COWS: 435.00-1040.00 per head.

SLAUGHTER CATTLE: Steers-Choice 63.10-67.35; Good 55.00-62.50; Standard 51.50-54.50; Utility 47.00-51.00. Heifers- Choice 55.00-62.35; Good 48.00-52.50; Standard 45.00-47.50; Utility 40.00-44.00. Cows- Choice 45.00-48.75; Good 42.50-44.75; Standard 38.00-42.00; Utility 35.00-37.00; Cutters 32.00-34.00; Canners down to 30.00. Bulls 1000-1500 lbs. 50.50-58.00; 1500-2100 lbs. 48.50-52.00.

FEEDER CATTLE: Steers-Choice 300-600 lbs. 45.50-59.50; Medium and Good 400-800 lbs. 40.50-49.00. Heifers- Choice 300-600 lbs. 40.00-48.50; Medium and Good 350-750 lbs. 35.10-41.00.

CALVES: Vealers- Prime and High Choice 69.00-81.00; Good and Choice 60.50-68.00; Standard 55.00-60.00; Utility down to 34.00. Farm Calves- Holstein bulls 90-120 lbs. 75.00-98.00; Heifers 90-115 lbs. 56.00-84.00.

HOGS: Barrows and Gilts 200-230 lbs. 52.00-54.25; 190-280 lbs. 48.00-52.00. Sows 300-500 lbs. 45.00-49.25; 400-600 lbs. 43.00-48.25. Boars 32.00-34.00.

FEEDER PIGS: 25-35 lbs. 16.00-23.00 per head; 35-50 lbs. 24.00-41.00.

SHEEP: Slaughter lambs 50-80 lbs. 55.00-68.00; Ewes 13.00-21.00.

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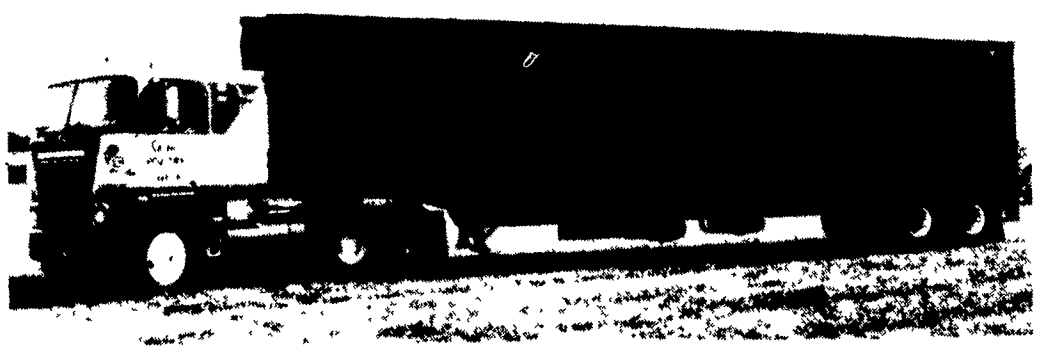
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THE OLD FARMER'S ALMANAC

JULY 2-8, 1984

Showers and heat — time for bare feet.

Ice cream cones melt faster now President Lyndon Johnson signed Civil Rights Act July 2, 1964 First quarter of the moon July 5 (Thurs) Average length of days for the week, 15 hours, 11 minutes Novelist Vladimir Nabokov died July 2, 1977 Idaho became 43rd state July 3, 1890 Beatrix Potter born July 6, 1866

To be safe on the Fourth, don't buy a fifth on the third

Ask the Old Farmer: We have a beautiful large sketch of a schooner at sea, on which is written "With a bone in her teeth and the best girl on the towrope" What does this mean? FJ, Spenser, Iowa

"Bone in her teeth" refers to the white foam under her bow, and the reference to the "best girl" means homeward bound In short, she's going home as fast as possible

Home Hint: A cheesecake won't crack on top if you leave it in the oven after baking, turn off the heat, and let it cool gradually to room temperature

OLD FARMER'S WEATHER FORECAST

New England: Start to midweek showers and hot temperatures, end of week cloudy and warm

Greater New York-New Jersey: Start of week hot with showers, midweek rain and cool temperatures, end of week clearing

Middle Atlantic Coastal: Through midweek sunny, hot with possible showers, end of week thundershowers, mild temperatures

Piedmont & Southeast Coastal: Full week of rain and hot temperatures

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Livestock market and auction news

Morrison Cove Livestock

Martinsburg, Pa.
Monday, June 25
Report supplied by auction.

CATTLE 325. High Choice & Prime slaughter steers 65.00-66.75, Choice 62.25-64.75, Good 57.50-61.25, Standard 51.00-56.25, Utility 46.25-50.75. Choice slaughter heifers 61.75-64.75, Good 56.50-60.25, Standard 50.25-54.25, Utility 47.00-49.75. Breaking Utility & Commercial slaughter cows 47.25-50.75, Commercial 43.25-46.50, Cutter & Boning Utility 39.75-42.50, Canner & Low Cutter 35.25-39.50, Shells down to 20.00. Choice slaughter bullocks 54.25-58.50, Good 49.00-53.00, Standard 45.50-48.25, Utility 39.00-44.75. Yield Grade #1 slaughter bulls 54.00-56.00, #2 51.00-53.00.

FEEDER CATTLE: Choice 350-750 lbs. feeder steers 56.00-61.00, Medium 350-750 lbs. 48.00-54.00. Good feeder heifers 350-650 lbs. 49.00-54.00, Medium 450-650 lbs. 42.00-48.00; Good 400-650 lbs. feeder bulls 54.00-58.00, Medium 4-650 lbs. 46.00-53.00.

CALVES 404. Prime vealers 82.00-88.00, Choice 76.00-80.50, Good 68.00-74.00, Standard & Good 110-130 lbs. 62.00-66.00, 90-110 lbs. 56.00-61.50, 70-90 lbs. 49.00-54.50, Utility 40-60 lbs. 40.00-48.00.

FARM CALVES: Holstein Bulls 90-130 lbs. 72.50-104.00; Hol. Heifers 90-130 lbs. 67.50-91.00.

HOGS 339. US No. 1-2 210-240 lbs. barrows and gilts 54.25-55.00, No. 1-3 210-240 lbs. 52.25-53.75, No. 2-3 210-260 lbs. 51.25-52.00, 200-270 lbs. 50.00-50.75, No. 1-3 170-185 lbs. 46.00-49.00. US No. 1-3 350-600 lbs. sows 43.75-45.25, No. 2-3 350-650 lbs. 38.25-42.50. Boars 30.25-32.50, Light Weights 33.50-37.25.

FEEDER PIGS 104. US No. 1-3 25-30 lbs. feeder pigs 24.00-27.00 per head, No. 1-3 35-40 lbs. 30.00-36.00, No. 1-3 45-50 lbs. 36.00-39.00 per head.

SHEEP 19. Choice 90-100 lbs. spring slaughter lambs 68.00-72.00, Good 60-80 lbs. 48.00-62.00. Slaughter ewes 11.00-22.00.

GOATS 13: 9.00-37.00 per head.

East Coast Carlot

Wednesday, June 27
Report supplied by USDA

Compared to Tuesday's close: Veal trade slow to moderate Prime Special Fed Veal steady to firm. Good and Choice Boning Veal steady. Inshipped veal 2.00-3.00 higher in limited test. No sales Spring Lamb reported.

VEAL CARCASS
Prime (Special Fed)
Hide On 210 Head

220-280 lbs. 150.00-158.00, steady to firm.

Good & Choice
Boning Type
Hide On

Northeastern Suppliers: 65-75 lbs. 89.00-90.00, steady; 55-64 lbs. 86.00-88.00; 45-54 lbs. 84.00-86.00; 35-44 lbs. 82.00-84.00; 34 lbs. down LTD 80.00-82.00.

Inshipped: 71-80 lbs. LTD 94.00-96.00, 2.00-3.00 higher; 61-70 lbs. LTD 92.00-94.00; 51-60 lbs. LTD 90.00-92.00; 41-50 lbs. LTD 88.00-90.00; 30-40 lbs. LTD 86.00-88.00.

Spring Lamb Carcass
Choice & Prime 3-4

No sales reported.

Lebanon Valley Livestock

Fredericksburg, Pa.
Tuesday, June 26
Report supplied by PDA

CATTLE 221. Compared with last Tuesday's market, slaughter steers steady to $1 lower. Slaughter cows steady to $2 lower. Choice 2-4 920-1460 lbs. slaughter steers 58.00-63.00, one at 64.60, Good 55.00-59.00, one at 60.85, Good & Choice holsteins 51.50-54.85, Standard 47.25-52.10, few Utility 44.75-48.00. Few Choice slaughter heifers 54.75-57.10, Good 50.50-53.25, Standard 44.50-49.50, few Utility 40.25-45.00. Few Breaking Utility and Commercial Slaughter Cows 42.75-45.60, one at 49.60, Cutter & Boning Utility 39.60-42.50, few 44.50, Canner & Low Cutter 37.75-40.00, Shells down to 29.75. Two Good slaughter bullocks 50.25 & 51.00, few standard 43.75-46.75. Few Yield Grade #1 1275-1710 lbs. slaughter bulls 45.75-50.00.

CALVES 250. Vealers grading Standard and Good steady to $4 lower. One Choice vealer at 79.00, few Good 65.00-75.00, Standard & Good 90-120 lbs. 57.00-60.00, 65-85 lbs. 51.00-55.00, few Utility 60-90 lbs. 30.00-45.00.

FARM CALVES: Holstein Bulls 85-130 lbs. 64.00-97.00, mostly 75.00-86.00; few Holstein Heifers 100-110 lbs. 65.00-93.00.

HOGS 144. US No. 1-2 215-240 lbs. barrows and gilts 53.25-54.00, few 2-205 lbs. 51.00-51.25, few No. 1-3 235-270 lbs. 52.00-53.00, lot 260 lbs. at 53.75. One Lot US No. 1-3 250-550 lbs. sows 38.00-41.00, few 43.75, few down to 35.00. Boars 28.00-31.25.

FEEDER PIGS 35. Few US No. 1-3 15-25 lbs. feeder pigs 17.50-22.50, 45-65 lbs. 43.50-46.50. ALL SALES PER HUNDREDWEIGHT BASIS.

SHEEP 12. High Choice & Prime 35-40 lbs. spring slaughter lambs 58.00-60.00, 75-80 lbs. 40.00-47.00, Good & Choice 65-100 lbs. 38.00-40.00. One Slaughter ewe at 10.00.

GOATS 1: One at 16.00 per head.

Dewart Livestock

Dewart, Pa.
Monday, June 25, 1984
Report Supplied by PDA

CATTLE 304. Compared with two week's ago: Choice 2-4 slaughter steers 985-1300 lbs. 62.00-66, few Good 54.50-60, Holsteins 52.00-55, Choice holsteins 55.25-59.50, Standard 49.00-53.50, Utility 42.00-47. Choice slaughter heifers 57.00-64, few Good 52.00-55, few Standard 47.00-51.50. Breaking Utility & Commercial slaughter cows 43.00-46, couple 47.50, Cutter & Boning Utility 41.00-44.50, Canner & Low Cutter 37.50-41, Shells down to 33.00. Individual Good slaughter bullock at 54.75. Yield Grade #1 875-1635 lbs. slaughter bulls 45.00-53.75. Medium Frame #1 350-700 lbs. feeder steers and bulls 45.00-55.00.

CALVES 241. Individual Prime vealer at 93.00, few Choice 70.00-91, few Good 60.00-70, Standard & Good 75-105 lbs. 55.00-62, Utility 60-85 lbs. 45.00-55.00.

FARM CALVES: Holstein Bulls 90-130 lbs. 60.00-95, mostly 70.00-90.

HOGS 153. US No. 1-2 2-225 lbs. barrows and gilts 52.50-54.50, No. 1-3 2-255 lbs. 49.50-53.60. US No. 1-3 350-585 lbs. sows 38.50-43.50. Boars 32.00-40.00.

FEEDER PIGS 336. US No. 1-3 20-35 lbs. feeder pigs 15.00-24, few down to 12.00 per head, No. 1-3 35-50 lbs. 23.00-30, No. 1-3 70-90 lbs. 33.00-39.00 per head.

SHEEP 28. Good and Choice 50-110 lbs. spring slaughter lambs 50.00-65.00. Slaughter ewes 8.00-12.00.

Gwaltney

GWALTNEY of SMITHFIELD, LTD.

We will receive your market hogs

Mondays, Wednesdays, Thursdays & Fridays

Note Our New summer Hours
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We Will Be Closed July 4th

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ATTENTION FARMERS!

Beginning Monday, July 2

HATFIELD PACKING COMPANY

BUYING STATION located at SECHRIST SALES CO., LIVESTOCK AUCTION, Stewartstown, York Co., PA will be buying your hogs only between the hours of 6:00 and 11:30 AM. Please plan on marketing your regular straight hogs at this time. No exceptions will be made after this date. All other swine will be handled as usual for the auction in the evening.

Thank You
ROBERT. L. SECHRIST,
Manager

FRIDAY, JULY 6
ON THE FARM MONTHLY
BRED GILT SALE
Sale to Start Promptly at 7:30
Every 4 Weeks

NOTICE
3 Evening Sales, July 6, August 3, and August 31

Located 18 miles south of Lancaster, Pa., 6 miles south of Quarryville, take Rt. 272 to Little Britain, turn north, follow Little Britain Road to Jackson Road, 2nd farm, OR take Rt. 222, out of Quarryville to Cedar Hill Road to Little Britain Road to Jackson Road. Watch for sale arrows.

30 Head Due Between July 11 & 18
30 Head Due Between July 18 & 26
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Abe Diffenbach, Auctioneer AU225L
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Hogs and Cattle at the
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RD 4, Danville, PA

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- There will not be a commission or yardage fee deducted from your check
- You may call our office Monday morning and we will be able to tell you the base price for hogs for the day

MELVIN M. LEHMAN - Owner
Danville Buying Station
Phone: 717-275-2880

Livestock market and auction news

VIRGINIA MARKETS

Virginia Auction Summary

June 21-27
Report supplied by VDA

Total of Va. Weekly Feeder Cattle Auction Receipts: 4,071.

TREND: Steady to $2.00 lower.

South and Southwestern, Va. Auction Summary
Smithfield, Southside (Blackstone), Tri-State Lynchburg, Hollins, Witheville
June 21-27

STEERS: 300-500 lbs. Medium 1 55.00-62.00; Large 1 55.50-65.50; Small 1 48.00-59.00. 500-700 lbs. Medium 1 55.00-65.00; Large 1 56.50-63.75; Small 1 48.00-56.00. 700-1000 lbs. Medium 1 50.00-55.50; Large 1 51.50-56.00.

HEIFERS: 300-500 lbs. Medium 1 44.00-52.00; Large 1 42.50-50.00; Small 1 38.00-46.00. 500-700 lbs. Medium 1 42.00-48.00; Large 1 40.00-49.00; Small 1 38.00-46.00; 700-900 lbs. Medium 1 40.25-43.50; Large 1 43.00-43.50.

Northern Va. Auction Summary
June 21-27

STEERS: 300-500 lbs. Medium 1 54.00-66.00; Large 1 55.00-65.00; Small 1 47.00-54.50. 500-700 lbs. Medium 1 57.00-66.00; Large 1 60.00-69.00; Small 1 55.00-57.50. 700-1000 lbs. Medium 1 47.00-59.00; Large 1 51.25-59.00; Small 1 46.00-50.00.

HEIFERS: 300-500 lbs. Medium 1 40.00-51.00; Large 1 43.00-52.00; Small 1 40.00-51.00. 500-700 lbs. Medium 1 41.00-50.00; Large 1 45.00-53.50; Small 1 41.00-50.00. 700-900 lbs. Medium 1 40.00-49.50; Large 1 44.00-50.50; Small 1 40.00-49.50.

Shenandoah Valley Livestock

Harrisonburg, Va.
Saturday, June 23
Report supplied by auction

FEEDER CATTLE: Trend-Feeder Steers & Bulls 2.00-3.00 lower; Heifers steady. Steers: M&L-1 300-500 lbs. 56.00-59.00; 500-700 lbs. 55.00-59.50; 700-1000 lbs. 51.00-59.00; Holstein 300-1000 35.50-46.00. S-1&M&L-2 300-500 lbs. 51.00-55.00; 500-700 lbs. 50.00-55.00; 700-1000 lbs. 48.00-55.00.

FEEDER BULLS: M&L-1 300-500 lbs. 46.00-53.00, few 55.00-60.00; 500-700 lbs. 41.50-45.00. S-1&M&L-2 300-500 lbs. 42.00-46.00; 500-700 lbs. 34.00-43.00.

HEIFERS: M&L-1 300-500 lbs. 42.00-50.00; 500-700 lbs. 45.00-52.00; 700-800 lbs. 45.00-47.00. S-1&M&L-2 300-500 37.50-42.00; 500-700 lbs. 38.00-45.50; 700-800 lbs. 35.00-43.00.

STOCK COWS: Beef 260.00-455.00; Baby Calves 27.50-91.00, mostly 65.00-90.00.

SLAUGHTER COWS: Trend-2.10 lower. Utility & Commercial 2-4 35.75-41.25; Canner & Cutters 1-3 30.00-35.50.

LAMBS: Trend- 3.00 lower. High Choice & Prime 55.00; Choice 53.00; Feeder Lambs Choice 37.25; Slaughter Ewes 9.00-13.25.

HOGS: US 1-3 200-240 lbs. 51.00; Sows 1-3 35.00-46.00; Boars 32.75.

VEAL: Good 45.00-50.00.

SLAUGHTER CALVES: Good & Choice 45.00-55.00.

Central U.S. Carlot

Beef Report
Wednesday, June 27
Report supplied by USDA

Compared to last Monday: Choice Steer and Heavy Heifer Carcasses $1.00 lower, Good $2.00 lower. Compared to Tuesday: Choice 400-550 lbs. Heifers steady to $1.00 lower. Demand and trading light to moderate on moderate supplies.

The gross boxed beef carcass cut-out value declined $.46 to an estimated $101.42 per cwt., 132 loads boxed cuts reported.

Sales reported on 53 loads of Steer and Heifer Carcasses.

STEER BEEF
FOB Omaha Basis
23 Loads

Choice 3 600-700 lbs. 98.00, 1.00 lower than Monday.

Choice 2 600-700 lbs. 99.00.

Good 2-3 600-900 lbs. 91.00, 2.00 lower than Monday.

Heifer Beef
FOB Omaha Basis
30 Loads

Choice 3 550-700 lbs. 95.00, 1.00 lower than Monday; 500-550 lbs. 92.00-93.00, steady-1.00 lower than Tuesday; 400-500 lbs. 90.00-91.00, steady-1.00 lower than Tuesday.

Good 2-3 550-700 lbs. 89.00, 2.00 lower than Monday.

Cow Beef
8 Loads
FOB Amarillo Basis

Bkrg Utlty 2-3 450/up lbs. 71.00 (West).

Bng Utlty 1-3 400/up lbs. 73.00 (West).

Canner & Cutter 1-2 350/up lbs. 74.00 (West).

Primal Beef Cuts
2 Loads
FOB Omaha Basis

Choice 3: Hinds (H) 120-170 lbs. 119.00.

Good and Choice 2-3: Short Plates 58.00.

Boneless Processing Beef
Beef Trimmings
FOB Omaha Basis
100 Loads

90% Chem Lean Fresh 98.00-99.00, few 100.00-102.00.

90% Chem Lean Frozen 101.00.

50% Chem Lean Fresh 55.00.

FOB Amarillo Basis

90% Chem Lean Fresh 99.00-100.00.

90% Chem Lean Frozen 101.00-102.00.

85% Chem Lean Fresh 94.00.

85% Chem Lean Frozen 93.00, mostly T.I.S.

Peoria Cattle

Thursday, June 28

Slaughter steers and heifers opened the week steady, but demand turned very light on Wednesday and prices were 1.00 to 2.00 lower for the week. Cows 1.00 to 2.00 lower. Bulls steady on Monday, but not tested on Wednesday. Trading was moderately active on Monday with most usual buying interests participating. Outlet was very limited on Wednesday and some steers and heifers were still unsold and being held for Monday. Receipts this week about 1750 compared to 1494 a week ago and 3389 a year ago.

SLAUGHTER STEERS: Choice 2-4, mostly 3 1100-1250 lbs. 64.00-65.50 on Monday with few 1125-1225 lbs. 66.00-66.50; Those weights not well tested on Wednesday. Choice 2-4, mostly 3 1000-1125 lbs. 63.00-65.00 on Monday; Mostly 63.00-64.00, few 975 lbs. 62.00 on Wednesday. Mixed good and choice 2-3 975-1150 lbs. 60.00-63.00. Mostly 60.00-62.00 late good 2-3 900-1100 lbs. 57.00-61.00, few 2 1230 lbs. 63.00. Holsteins: load mixed good and choice 2 1352 lbs. 53.50 good 2 1150-1250 lbs. 52.50-53.00.

SLAUGHTER HEIFERS: Monday, choice 2-4 925-1050 lbs. 62.00-64.00 with load 1141 lbs. 64.50; Wednesday, few choice 970 lbs. 62.50, but not well tested otherwise. Choice 3 875-925 lbs. 60.00-62.50. Mixed good and choice 2-3 900-1000 lbs. 56.00-61.00 Monday; few 850-900 lbs. 55.00-57.00 good 850-925 lbs. 52.00-58.00.

COWS: Breaking utility and commercial 2-3 42.00-44.00, some early 45.00 cutter and boning utility 1-2 38.00-44.00, 42.00 down late. Canner and low cutter 34.00-38.00 late.

BULLS: YG 1-2 1100-1900 lbs. 47.00. 51.00 early, few 1 1700-1900 lbs. 53.00.

Vintage Sales Stables, Inc.
The Hay and Straw has been cancelled until fall.

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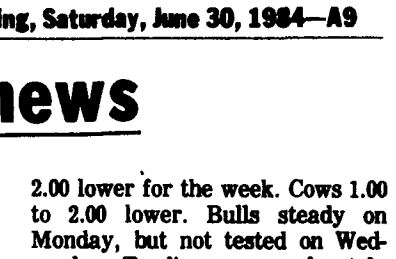

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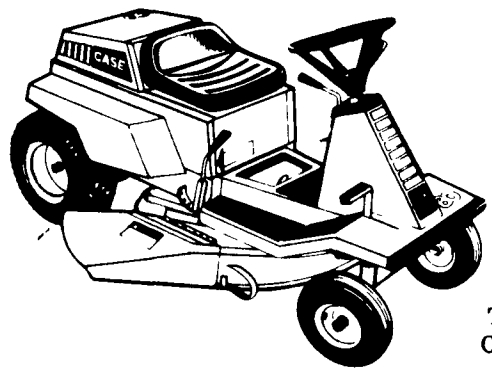
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DAIRY'S FUTURE

Whatever it holds, it's in your hands

(Editor's Note: Today's editorial is written by Laura England, Dairy Editor of Lancaster Farming. Following her extensive travels back and forth across Pennsylvania gathering information for her "Dairy's Future" reports, she outlines some of her impressions and feelings as she talked with dairy farmers -- big and little, old and young. While this series concentrated on dairy, much of what it contains applies equally well to other phases of farming. Ag's future lies ahead of each of us -- no matter if our livestock moos, grunts, bleats, neighs or whatever. Collectively, ag's future is all of our future.)

BY LAURA ENGLAND

In January of this year, a dark, ominous cloud settled over the nation's dairy industry. Generated largely by a political front and a strong wind carrying the warning, "too much milk," the cloud grew more intense and threatened to flood the dairy industry with uncertainty and fear of its future existence. It was a storm so severe that only the fittest of farmers would survive.

Or so it seemed.

Now, six months later, the storm has begun to subside, although lightning stands ready to strike those unprepared and unprotected. The storm, it is predicted, may continue for the next two to three years, and what destruction it will leave behind is yet to be seen.

Fortunately for dairymen, weathering through a storm has become almost second nature. Dairymen learn early in their farming careers to expect the unexpected and be ready for anything. They also learn to use whatever is needed to stay afloat and continue their operations.

And so it is with dairymen today.

During this past month, June Dairy Month, four farm families shared with us their struggles, triumphs and future plans concerning their dairy operations. Each at a different level in their operations - one starting out, one retiring, one merchandising cattle and the other concerned with milk production - these dairymen took a good look at their future and came up with similar thoughts and opinions.

All agreed, as farm management specialist Fred Hughes pointed out in the first story, that over production is the major problem. Over the years, dairymen have created a 14 billion pound milk surplus. And while milk production increased, little was done to insure an available market, mainly due to a lack of promotion.

Increased milk promotion is one answer to the dairy surplus situation, the dairymen agreed, but it will take more than that. As Calvin Mauser said, the promotion has to be backing a quality product - one that the consumer would want to purchase. Backing that promotion has to be a unified dairy industry - one that sees a need for promotion and is willing to contribute financially for the success of state and national promotion programs. A handful of dairymen cannot do the trick.

Another area where farmers, themselves, can make a difference is in the management of their own operations. Farmers need to sit down more often and push pencil and paper and pay closer attention to details, as Hughes pointed out. Operating within means and not making drastic financial changes is a policy most dairymen will need to abide during the next few years. Reducing debt loads where possible is a must, also, Don and Angie Koontz added.

Looking beyond the dairy industry problems, these dairymen express more than anything else their need to continue farming. It is a need developed by dedication, integrity and pride that acts as a driving force to conquer all problems to continue a satisfying lifestyle.

No one can overlook the problems of the dairy industry. The storm is not over and the rain will continue, but with an optimistic attitude farmers will survive, knowing that a rainbow and a pot of gold is waiting on the other side of the cloud.

THE BIBLE SPEAKS

BY LAWRENCE W. ALTHOUSE

IN THE LONG RUN

July 1, 1984

Background Scripture:
1 Kings 9: 1 through 11:13.
Devotional Reading:
2 Peter 2:17-21.

Solomon was a very successful and powerful monarch — in the short run.

His accomplishments stagger the mind. It was he who built the great temple of the Lord in Jerusalem, as well as a fine palace and a sturdy wall to protect the city. It was Solomon who was responsible for building-up the strategic cities of Hazor, Megiddo, and Gezer. His army was well-trained and impressively equipped. His merchant fleet ranged throughout the ancient world, bringing him and his kingdom gold and gems that made him extremely wealthy.

THE HALF NOT TOLD

He had a world-wide reputation for both riches and wisdom and people came from far and wide to see for themselves this fabled king. One of those who came was the Queen of Sheba, who confessed to Solomon that, great as were her expectations, she had found that "the half was not told me; your wisdom and prosperity surpass the report which I heard" (1 Kinds 10:7b).

Best of all, he was a man close to the Lord of Israel. On two occasions God had appeared to Solomon, commending him for his humble commitment and promising him that the convenant which God had given his father, David, would be continued with him also. And it was the Lord who was the source of Solomon's fabled wisdom.

It is not surprising then, that the writer of 1 Kings would sum-up Solomon's reign with these words: "Thus King Solomon excelled all the kings of the earth in riches and in wisdom" — in the short run.

Yet, in the long run, things did not turn out successfully at all. The writer of 1 Kings tells us that "the Lord was angry with Solomon, because his heart had turned away from the Lord, the God of Israel, who had appeared to him twice" (11:9). Thus, God made a terrible pronouncement: "I will surely tear the kingdom from you and will give it to your servant" (11:11b).

EVIL IN GOD'S SIGHT

What had gone wrong? Nothing that doesn't happen to many of us when we become dazzled and blinded by our own success. Solomon took the short-run view of things and thus his success was also of limited duration. Yes, he was a great builder, but his building was dependent upon slave labor. Furthermore, he apparently believed that he was "above" the law. For, although God had warned the people of Israel to avoid marrying foreign wives, Solomon took to himself a thousand wives and concubines, many of them foreign wives whom he married to establish diplomatic alliances.

Worst of all, however, he ended up worshipping the very gods whom the Lord had warned him to keep from the people. How wise could this man have been, if he was so foolish to take the shortrun view of life? Probably no wiser than you or I when we fail to take the long-run view of life.

NOW IS THE TIME

By Jay Irwin

Lancaster County Agriculture Agent
Phone 717-394-6851

To Combine at the Proper Speed

We are into the barley harvest season, and in a few weeks, the winter wheat crop should be ripe. Both of these crops require mechanical harvesting equipment and good weather. From the amount of volunteer grain seen growing after barley and wheat harvests, it is evident that too much grain is being left in the field.

I am concerned that high combine speed might be part of the reason that grain is thrown out with the straw. The manufacturer recommendations should be followed in this respect. Also, there are times when the grain may be too tough to combine. This is often the case when the crop is quite weedy. The important thing is to have the combine adjusted to the best of your knowledge and then drive at recommended speed. You'll need every bushel of grain and every bale of straw from your corp.

To Follow Pesticide Recommendations

Weather conditions have been ideal for pests in the field, in the garden and on our flowers... so pesticides are important for their control. These pesticides are chemicals manufactured for the control of pests... such as weeds, insects, fungi and rodents. Keep in mind, if these materials are not used properly they may contaiminate soil, air and water.

If pesticides are applied to areas where there is considerable run-off or soil erosion during a heavy rain... residues may move with the drainage and accumulate in streams, ponds or lakes.

The most common mistake in pesticide application is to exceed the recommended dosage. Using more chemical then prescribed will not control more pests... and usually it will not be effective for

(Turn to Page A12)

Farm Calendar

Saturday, June 30
Annual meeting of Pa. Red Cherry Growers Association, Stonehedge Restaurant, Gettysburg.

Tuesday, July 3
Hunterdon County, N.J., Sheep Breeders Association, 8 p.m., Extension Center.

Wednesday, July 4
Have a happy and safe Fourth of July.

Thursday, July 5
4-H Dairy judging, Mercer 4-H Park.
Hunterdon County, N.J. Board of

(Turn to Page A12)

Otis

Last chance to submit entry — try for an Otis Original

This is your last chance to submit a postcard entry and try to win an Otis Original.

Below is the fifth and final dairy cartoon that Dave Carpenter drew especially for Lancaster Farming for June Dairy Month.

Next week, we'll be drawing five winners from the entries received. Friday, July 6, is the deadline to receive the postcard entries at Lancaster Farming. Winners will be announced in the July 14 issue.

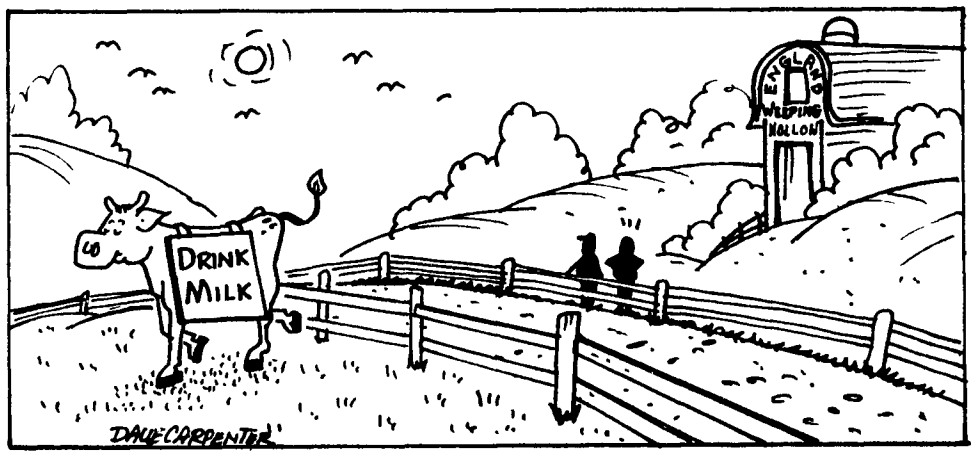
To enter, just jot your name, address and telephone number down on a postcard and send it to:

Otis Originals
Lancaster Farming
P.O. Box 366
Lititz, Pa. 17543

If your name is selected in the random drawing, you'll be notified by telephone. First name selected will have choice of the five cartoons and so on until all are picked.

But to win, get those postcards in to us by next Friday.

And from Otis and all of us — Have a Safe and Happy July Fourth.



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Farmland preservation - It's worth it

Now is the Time

(Continued from Page A10)

any longer period of time. We find that most farmers tend to follow recommendations very closely, but many home gardeners tend to increase the dosage.

The best policy is to study the directions and precautions on the label and follow them to the letter.

To Prepare For Fire Protection

Our barns are filling up with new crops of hay, straw and grain so we need to be concerned with fire protection. We urge farmers to give some thought to water supplies for fighting fires. Many farmers indicate that their fire company would be unable to supply adequate water; this increases the risk of serious fire losses. Farms with streams nearby should have plans developed to move the fire engine within 25 feet of the water. Owners of ponds should have all-weather driveways to the pond. There have been cases where buildings burned while the fire truck was mired down in the mud trying to get to the pond. It's a good idea to inform your local fire company of the sources of water supplies for fighting fires. A good water supply for fighting fires is good insurance against severe losses.

To Consider Lightning Rods on Shade Trees

How many times have you driven past a pasture field and noticed dozens of cattle or other livestock grouped together under one or two large trees. During severe thunderstorms, livestock will gather under these trees. If lightning strikes the tree, many of the animals will be killed. For the protection of valuable livestock, we suggest that some of these individual trees be fitted with a lightning rod system. If there is a woodlot in the pasture, or a number of trees, it may not be practical.

The Extension Service is an affirmative action equal opportunity educational institution.

Farm Calendar

(Continued from Page A10)

Agriculture, 8 p.m., Extension Center.

Friday, July 6

Pa. Young Farmers Summer Conference, Berks County 4-H Center, continues tomorrow.

York Junior Holstein showing and fitting day

Saturday, July 7

Pa. Charolais Association Field Day, Bratton Charolais Farm, McVeytown, 9 a.m.-Junior heifer and steer show.

York County Conservation Society membership picnic, 11 a.m.-6 p.m., Indian Steps Museum, Airville.

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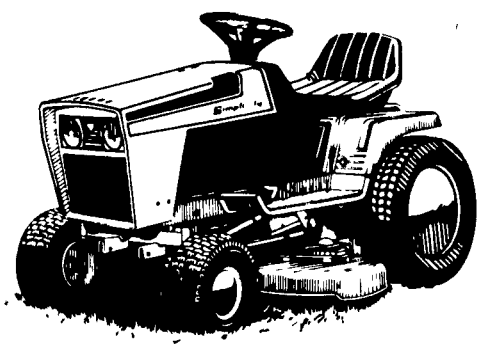

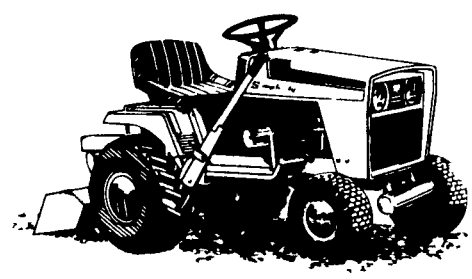

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Livestock market and auction news

Eighty-Four Livestock

Eighty-Four, Pa.
Monday, June 25, 1984
Report Supplied by PDA

CATTLE 316. Compared with last Monday's market, slaughter cows 25 cents to mostly 50 cents higher. Few Good slaughter steers 56-60.00, Standard 49-55.00, Utility 45-49.75, Few Good slaughter heifers 53-56.00, Standard 48.25-53.50, Utility 46-49.00. Breaking Utility & Commercial slaughter cows 44.25-48.75, Couple to 49.50, Cutter & Boning Utility 40-45.00, Canner & Low Cutter 34-40.50, Shells down to 27.00. One Choice slaughter bullock at 53.25. Yield Grade #1 1100-2325 lbs. slaughter bulls 51-60.50, Yield Grade #2 1000-1600 lbs. 46-50.00.

FEEDER CATTLE. Medium Frame #1 feeder steers 400-600 lbs. 53-57.00; Medium Frame #1 350-700 lbs. feeder heifers 43-49.00; Medium Frame #1 400-760 lbs. 47.75-53.00.

CALVES 223. Vealers mostly steady. Choice Vealers 64-70.00, Good 56-65.00, Standard & Good 90-120 lbs. 50-57.00, 60-85 lbs. 45-52.00.

FARM CALVES. Holstein Bulls 90-125 lbs. 70-95.00.

HOGS 162. Barrows & gilts $1.00 higher. US No. 1-2 210-250 lbs. barrows & gilts 51-52.00, No. 1-3 205-255 lbs. 50-51.20, No. 2-3 205-260 lbs. 48-49.25, few No. 1-3 180-195 lbs. 47-48.00. Sows: US No. 1-3 300-550 lbs. sows 42-44.00, No. 2-3 300-500 lbs. 40-42.50. Boars 26.50-35.00.

FEEDER PIGS 11. Few US No. 1-3 85 lbs. feeder pigs at 45.50 per head. One lot small No. 1-3 47 lbs. 37.50.

SHEEP 361. Spring slaughter lambs 2.00-3.00 lower. High Choice 65-110 lbs. 54.50-67.25, few 58.50, Choice 65-85 lbs. 49-54.75, Good 45-60 lbs. 40-46.00, few Utility 40-50 lbs. 35-39.00. Slaughter ewes 9.00-15.50. Goats 17: 10.00-35.00 per head.

Carlisle Livestock Auction

Carlisle, Pa.
Tuesday, June 26
Report supplied by auction

CATTLE: Steers: Choice none offered; Good 56.00-60.00; Medium 55.00 down. Heifers: Few Holsteins 42.00-47.00. Cows: Mostly steady. High Yield 44.00-46.00; Average 40.00-44.00; Big Middle 36.85-42.50; Fatty Herf. to 42.00; Shelly 37.00 down. Fat Bulls: Good 51.00-54.00; Medium 43.00-50.00.

FEEDER CATTLE: Few light by the head to 165.00. Steers (300-550 lb.): Good 51.50-54.00; (600-850 lbs. Medium 40.50-51.00. Heifers (all weights): Good 44.00-48.00; Medium 35.00-43.00. Bulls (all weights): Medium 39.50-49.00.

VEAL CALVES: Choice 75.00-90.00; Good 60.00-75.00; Medium 50.00-60.00; Light/weak 50.00-down. Farm Bulls- 82.00-103.00. Farm Heifers- 64.00-74.00.

HOGS: Barrows & Gilts very active, 1.50 higher. 210-250 lbs. 52.50-54.75; over 260 lbs. 53.25-53.75; under 210 lbs. 50.00-51.00.

SOWS: Over 450 lbs. 37.00-41.75; under 450 lbs. 39.00-44.25. Boars: Heavy 36.25-37.50; Light 41.50-44.00.

FEEDER PIGS (by the hd): (15-20 lbs. 16.00-19.00) (30-40 lbs. 28.00-40.00) (45-70 lbs. 46.00-47.00). Shoats (by the lb.) to 47.00.

SHEEP: Lambs- Choice 58.00-63.00; Good 50.00-57.00; Medium 49.00 down. Ewes: 12.00-16.00 lb.

GOATS: Large 46.00-51.00 head; Sm/Med. 12.00-29.00 head.

Next State Graded Feeder Pig Sale will be Friday, July 13th, 1:30 p.m.

Sale every Tues. evening 7:00 p.m. Livestock; 5:15 p.m. Eggs and Rabbits.

Joliet Cattle

Thursday, June 28

CATTLE: Friday through Wednesday's salable receipts 2,000; 5 days last week 1,836; same period a year ago 3227. Trading moderate Monday; moderately active Wednesday. Slaughter steers ended the week mostly steady compared with Wednesday of last week. Slaughter heifers were steady to weak.

SLAUGHTER STEERS: Choice few prime 3-4 1250-1350# 65.50-66.00 Monday; 1 load 67.00 Wednesday. Choice 2-4 1050-1300# 64.00-65.50, load 65.75. Mixed good and choice 2-3 1000-1200# 63.00-64.50. Choice 2-3 1400-1600# holsteins 56.50-57.50 Monday. Mixed good and choice 2-3 1200-1400# holstein 50.50-54.25 Wednesday.

SLAUGHTER HEIFERS: Choice 2-4 900-1050# 62.50-64.00 Monday; 62.50-63.50 Wednesday. Mixed good and choice 2-3 850-1000# 60.00-62.50. Good 2 750-950# 54.00-60.00.

Penns Valley Livestock

Centre Hall, Pa.
Tuesday, June 26
Report supplied by auction

Beef Cows: Utility and Commercial 43.10-46.25; Cutters 40.10-42.75; Canners 37.25-39.85; Shells 35.00.

Heifers: Good 53.50-57.35; Standard 48.75-51.00; Commercial 45.00-47.75.

Steers: Choice 55.25-57.00; Good 51.00-53.50; Standard 45.00-50.50.

Bulls: Good 48.50-53.00; Standard 44.00-47.50.

Feeder Cattle: 300-500 lbs. large frame 44.50-57.00; 500-700 lbs. large frame 41.00-48.00.

Veal Calves: Choice 84.00-91.00; Good 65.00-82.00; Standard 52.00-62.00; Utility 45.00-51.00.

Farm Calves: Bulls 80.00-100.00; Heifers 61.00-71.00.

Hogs: 48.50-52.25.

Sows: 35.00-37.75.

Boars: 24.00-32.50.

Lambs: 58.00-61.00.

Sheep: 7.00-15.00.

Goats per head 15.00-24.00.

New Holland Horse

New Holland Sales Stables
Monday, June 25
Report supplied by auction

Reported receipts of 253 head of horses, mules, and ponies. Market: steady.

LOCAL

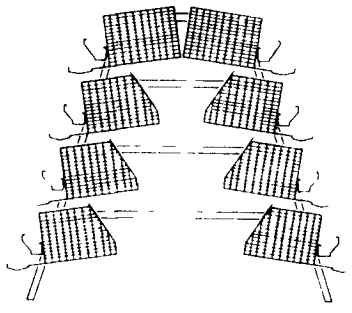
Better horses 425.00-675.00, few registered horses 725.00-1050.00.

Driving horses 250.00-1075.00.

Riding horses 185.00-375.00.

Lightweight killers 175.00-275.00; Heavyweight killers 300.00-375.00.

Mare Ponies 25.00-60.00; Colts 10.00-20.00; Gelding Ponies 25.00-60.00; Larger Ponies 75.00-150.00.



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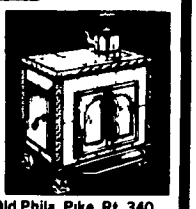

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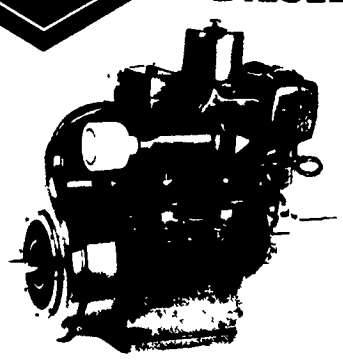

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DEALER INQUIRIES INVITED

Livestock market and auction news

Philadelphia Wholesale Fruit and Vegetable Report

Philadelphia, Pa.
Tuesday, June 26
Report Supplied by USDA

FRUIT

APPLES: STEADY. CONTROLLED ATMOSPHERE STORAGE ctn tray pack; WASH USExFcy Red Delicious 64s few 19.50; 72s 17.50 few higher; 80s one lot 16.50; 88s 16.50-17.50 few 18.00; 100s 15.50-16.50 few 17.00; 113s 15.50-16.50; 125s 15.50; USFcy 88-100s 14.50 Golden Delicious; 88-113s 19.50-20.00; CANADA Red Delicious USExFcy 88s 16.50; 12-3 lb film bags 2-¼ inch minimum PA USFcy Red Delicious one lot 9.50.

CHERRIES: WASH 20-lb lug Bing via air WA#1 12-row size & larger 26.00.

GRAPES: ABOUT STEADY. CALIF 22-lb lugs Flame Seedless 22.50 one lot 25.00 fair qual 21.00-22.00; Thompson Seedless 20.00-21.00 mostly 20.00 one lot 21.50-22.50; Exotics one lot 27.00; Cardinals 16.00; ARIZ 22-lb lug Perlette 15.00; MEXICO 22-lb lug Flame Seedless one lot 20.00; Perlette 17.00.

STRAWBERRIES: LOWER. CALIF 12-pt flats med-lge 7.80-9.00 fair qual 7-7.20 fair cond 3.00-6.00 preferred labels 12.00-13.20.

VEGETABLES

ASPARAGUS: SUPPLIES LIGHT. NJ pyramid crts field run 12s few 30.00-34.00; CALIF & WASH pyramid crts lge 30.00-32.00.

BEANS: HIGHER. Various bu containers Round Green type unless otherwise stated; MD 18.00 few 19.00; NJ few best 17.00-20.00 fair qual 14.00-15.00; Fava 8.00.

BEETS: NJ ctn bchd 12s 6.00.

BROCCOLI: SUPPLIES LIGHT. CALIF ctn bchd 14s 10.00-10.50; 18s 10.50-11.00 few higher; NJ ctn bchd 14s fair cond 5.00-7.00.

CABBAGE: ABOUT STEADY. 1-¾ buctn & crt medium Green unless otherwise stated; NJ 3.50-4.50 mostly 4.00 few 3.25 one lot lge 3.50; Red 7.50; GA Red 7.50; NC Red 8.00; NETHERLANDS 50-lb sks Red 7.00.

CARROTS: 48-1 lb film bags in film sacks CALIF med-lge 10.00-11.00; 24-2 lb film bags in film sacks; CALIF med-lge 10.00; 50-lb sacks loose jumbo; CALIF 13.00-14.00; ctn bchd 24s; CALIF 10.50.

CAULIFLOWER: SUPPLIES LIGHT. CALIF ctn film wrpd 9s 10.00; 12s fair cond 8.00.

CELERY: ABOUT STEADY. CALIF ctns & crts 1-½ doz 12.00; 2 doz 12.50 few higher; 2-½ doz 12.00-13.00; 3 doz 11.00; FLA crts 2 doz 12.00; 2-½ doz 12.00-13.00; 3 doz one lot 13.00.

CHINESE CABBAGE: NJ 1-1/9 bucrts one lot 10.00.

CUCUMBERS: LOWER. 1-1/9 bucrts & ctns waxed medium unless otherwise stated; NC 10.00-12.00 mostly 10.00 fair qual 6.00-8.00 mostly 7.00 few higher & lower lge ont lot 8.00 bubkt unwaxed fair qual 6.00-7.00; SC one lot few 12.00 fair qual 7.00; sml 10.00 Pickles med fair qual 15.00; FLA Long Seedless 12-14s 8.00; GA fair qual 5.00-6.00; lge 5.00;. MD unwaxed fair qual 10.00; NJ Pickles sml-med 17.00-18.00; CANADA Long Seedless 12s 7.00.

LETTUCE ICEBERG: SLIGHTLY LOWER. Ctn 24s unless otherwise stated; CALIF 8.00-9.00 mostly 8.50 occ 9.50 wrpd 10.50; 30s 10.00; NJ most offerings fair qual 3.00-4.00 few 5.00; NY fair qual 3-3.50.

ROMAINE: ABOUT STEADY. NJ crts 24s 5.00 few higher fair cond 3-3.50 1-1/9 bucrts few 4.00-5.00 fair cond 2.50; CALIF 24s crts 12.00-13.00 occ higher ctn 9.50-11.00 mostly 10.00; OHIO ctn 24s 5.00.

BIG BOSTON: CALIF ctn 24s 8.00; NJ crt 24s 4.00-5.00; OHIO crt 24s 5.00.

BIBB: OHIO 16-quart bkt 4.00; NJ ctn 24s 4.00.

LEAF: NJ 4/5 bucrt 4.00 1-¼ bucrts; Red 7.00; OHIO 24-quart bkt 4.00; CALIF ctn 24s 12.00; Red 10.00.

MUSHROOMS: STEADY. PA 4-qt. bkt med-lge 5-5.25 few 5.50; sml-med 3.75-4.00 mostly 4.00; 10-lb ctn 9-9.25 few 9.50; flats 10-12 oz 9.50-10.00; 12-10 oz 9.25.

ONIONS: ABOUT STEADY. 50-lb sacks US#1 or generally good quality Yellow unless otherwise stated; TEX Grano jbo 7-7.50 few 8.00; Repacker size 7-7.50 some 8.00; CALIF Grano jbo 7.50-8.00 few 8.25-8.50 few 7.00 fair cond 5.00-6.00; Repacker size one lot 8-8.25; 20-2 lb mesh bags 9-9.25; 40-lb ctn Red jbo 8.00; ARIZ Grano Repacker size few 6.50; NEW MEXICO Grano-Granex type jbo 9.00.

ONIONS-GREEN: ABOUT STEADY. NJ crt bchd 36s 6.00-7.50 mostly 6.50; CALIF ctn bchd 48s one lot 8.00.

PARSLEY: HIGHER. bchd 5 dozen curly unless otherwise stated; NJ bubkts 11.50-13.00 mostly 12.00; Plain fair cond 5.00.

PEAS-GREEN: SUPPLIES INSUFFICIENT TO QUOTE.

PEAS-SOUTHERN: FLA buhmprs Purple Hull few 10.00.

PEAS-OTHER: Sugar per lb; CALIF ctn 2.00.

PEPPERS: ABOUT STEADY. Calif Wonder type Green 1-1/9 bucrts & ctns unless otherwise stated; FLA lge one lot 10.00 fair cond 7.00; med 6.00-7.50 fair cond 5.00; sml-med 6.00 ord cond lge & meg 1.50-3.00; Mixed Red lge 6.00-7.00; GA lge 9.00 med 6-6.50; Mixed Red lge 5.00-6.00; NC lge 8.00; sml-med 5.00-6.00.

RADISHES: ABOUT STEADY. Ctns Red 30-6 oz film bags; OHIO 4-4.50 bchd; 24s 5.00; White 24-8 oz film bags 7.00-8.00; CANADA 3-3.50.

SPINACH. HIGHER. NJ Savoy type bubkt & 1-¼ bucrts 8.50-10.00 few lower; PA Savoy type 1-¼ bucrts one lot 10.00.

SQUASH: SLIGHTLY LOWER. ½ & 5/9 bucrts & ctns; NJ Zucchini sml-med 5-5.50 few 6.00 few lower; med 3.50-4.00; Yellow Straightneck sml-med 4.00-5.00 few 6.00; med 3.00-4.00 bucrts 6.00; MD Zucchini sml-med 5.00; med bucrts 10.00; Yellow Straightneck sml-med 5.00.

TOMATOES: LOWER. 25-lb ctn Pink to Light Red 85% or better U.S.#1 or generally good quality unless otherwise stated SALES BY REPACKERS; FLA 5x6s 9.00-10.00 fair qual 7.00-8.00; 6x6s 8.00-9.00; 6x7s 7.00-8.00 few 8.50; SC 5x6s 10.00; 6x6s 8.00. SALES BY OTHERS FLA 5x6s 9.00-10.00; 6x6s 8-8.50 fair qual; 5x6s 7.00-8.50 mostly 8.00; 6x6s 7.00 fair cond 5.00-6.50; 6x7s 6-6.50; SC 5x6s 8.50-9.50 mostly 9.00; 6x6s 8.50; 6x7s 7.00 fair qual; 5x6s 8.00-9.00; 6x6s 7-7.50; Red 5.00; CHERRY TYPE 12-1 pt flats; CALIF 9.00; NJ few 8.00.

New Holland Dairy

New Holland Sales Stables
Wednesday, June 27
Report supplied by auction

Reported receipts of 64 cows, 73 heifers, and 4 bulls.

Market steady.

Load of Franklin Co. Fresh cows 700.00-1200.00.

Load of Susquehanna Co. Fresh cows 740.00-990.00.

Load of NY Fresh cows 985.00-1350.00, springers 885.00-975.00.

Load of PA Fresh cows 660.00-1050.00.

Load of PA Fresh cows 690.00-940.00.

Locally consigned cows 535.00-930.00.

Springing heifers 550.00-835.00.

Bulls 490.00-620.00.

Pa. Vegetables

Thursday, June 28
Report supplied by PDA

STRAWBERRIES- The strawberry season is winding down. Average price $1.50 qt.; price range $1.85-1.25 qt. according to size; Pick Your Own, average price .50 lb.; price range .35-.70 lb.

SWEET CHERRIES- Ready pick $1.99 qt.; 10 or more [illegible] qt.; Pick Your Own .75 lb.

SOUR CHERRIES- Sour cherries are just starting in Southern Chester County. Average price $1.95 qt.; 8 qts. or more $1.75 qt.; Pick Your Own .90 lb.

APPLES- CA Storage, Pennsylvania Apples. Ida Red- Rome Beauty- Red Delicious- Wine Sap $3.85 peck, $2.55 ½ peck, $1.35 till; Melrose $3.50 peck, $2.55 ½ peck, $1.35 till; Apple Cider $2.25 gal., $1.25.

CAULIFLOWER- .50-.95 head, according to size; .50 head (Average Medium Head).

CARROTS- .35 lb.

CABBAGE- .19 lb., Average .50 head, 65 large head.

CUCUMBERS- .25 each or 5/$1.00; Canners- $2.00 ¼ peck, $1.00 qt. small and $14 bushel standard cux.

BROCCOLI- .69-.79 head.

BEETS- .40 bunch (6-7).

LETTUCE- Lettuce & Endive .69 lb.; Head lettuce .55 head or 2/$1.00.

GREEN GARDEN ONIONS- .35 bunch (3-4).

KOHLRABI- .39 bunch (3-4).

RED & WHITE RADISHES- .30-.40 bunch (10-12).

RASPBERRIES- $1.00 pt.

OLD POTATOES- $1.25-10 lb.

PARSLEY- .35 bunch, large.

SUGAR PEAS- .80 lb., $1.25 qt.

SHELL PEAS- .60 lb.

SQUASH- Zucchini .35 each; Summer .35 each.

SPINACH- .79 ½ peck.

HOT HOUSE TOMATOES- .89 lb., large- .69 lb., small.

Omaha Weekly

Thursday, June 28
Report supplied by USDA

Fed Cattle prices, which had ranged higher through Tuesday, were led downward Wednesday by a declining beef trade, and averaged steady for the week. Demand, particularly for Choice Steers over 1100 lbs. and Choice Heifers over 975 lbs. proved Good and some improvement noted in overall finish. Cows fully 2.00 lower. Bulls 1.00 lower.

Estimated 5 day receipts 9400, actuals last week 10,945 and last year 11,961. Steers comprised 48 pct. of the week's receipts: Heifers 40 pct., Cows 8 pct.; Feeders 3 pct.

SLAUGHTER STEERS: At the close, three loads Choice, some Prime 2-4 1225-1400 lbs. 66.50. Scattered loads and part loads Choice 2-4 1050-1300 lbs. 65.00-66.25; few lots 1000-1050 lbs. 64.00-65.00. Mixed Good and choice 1000-1150 lbs. 63.00-65.00. Few Good 61.00-63.00. Mixed Good and Choice 2-3 1200-1350 lbs. Holsteins 54.00-56.75.

SLAUGHTER HEIFERS: Choice 2-4 950-1100 lbs. 63.00-64.50; few lots 900-950 lbs. 62.00-63.00. Mixed Good and Choice 2-3 900-1000 lbs. 61.00-63.00. Good 58.00-61.00.

Average of LS 214 detailed quotations for 900-1100 lb. Choice Steers 64.32; 1100-1300 lbs. 65.85. Average cost Steers 64.04, average weight 1150 lbs.; as compared 64.48 and 1127 lbs. a week ago.

COWS: Breaking Utility and Commercial 2-3 40.75-43.50, few high dressing 45.00. Cutter and boning Utility 1-2 48.00-52.50, high dressing to 43.50. Canner and low cutter 33.00-38.50.

BULLS: 1-2 1100-2000 lbs. 46.00-53.00, low dressing to 43.75.

EVERGREEN TRACTOR CO., INC.

TRACTORS:

JD 3020 Gas Tractor SOLD	$5,850
JD 2630 Diesel Tractor, Hi-Lo 540-1000	$9,750
JD 2630, Dual Remote	$9,750
JD 2440, New Style	$12,250
IH 400 Diesel, PS, TA	$2,250
Farmall M w/PS and Live Hyd	$1,500
(1) White 2-105 w/Roll Guard.	$15,900
(1) IH 460 Gas N.F. TA, Power Steering	$2,350
(1) Farmall H w/Cultivators	$950
IH 300 Row Crop WF T.A. fast hitch	$2,350
Ford 8000 Diesel	$6,950
IH 240 w/Fast Hitch and 2B Plow	$2,150

COMBINES & PICKERS:

JD 6620LL Turbo, Hydro Combine SOLD	Price on Request
(1) JD 6620LL Combine w/213 Flex Head 800 hrs.	Price on Request
JD 3300 Dsl. w/cab, 343 C H. & Rotary Screen	Price on Request
(1) IH 203 Combine, Gas w/10' Platform, P.U Reel, 2 Row Cornhead, Cab	$3,950
(1) New Idea #325 Two Row Narrow Picker w/Sheller, Heavy PTO	$4,350
(1) JD 444 Corn head	$3,450
(1) JD 443 Corn head, new style	$6,750
NI 2 Row NR Pull Type	$2,450

GRAIN DRYERS:

(2) New Farm Fans AB8 Auto-Batch Dryers. MUST MOVE. CALL FOR PRICE. (Dealer Inquiries Welcome)

(1) Used 350 BU. Myer Morton PTO Batch Dryer $3,450

TILLAGE:

(1) John Deere 12' RW	$875
(1) Athens 10' Disc, heavy duty	$1,650
Howard 100" 1000 PTO Rotovator	$3,450

GRINDER-MIXERS

COMING IN:

NH 472 Haybine, like new, cut 50' acres
JD 620 Tractor
White 2-60 4WD w/Loader
MF 135 Gas Tractor

HARVESTERS & FORAGE EQUIPMENT:

NH 1880 Self Propelled Harvester, 3 Row Pickup, Dsl. Hydro, 600 hrs.	
(1) John Deere 34 w/One Row Row Crop	$1,550
(1) Grove Forage Wagon w/Roof & Gear	$1,850
(1) John Deere Three Row Row Crop Attachment, New Belts	$3,850

HAY MACHINES:

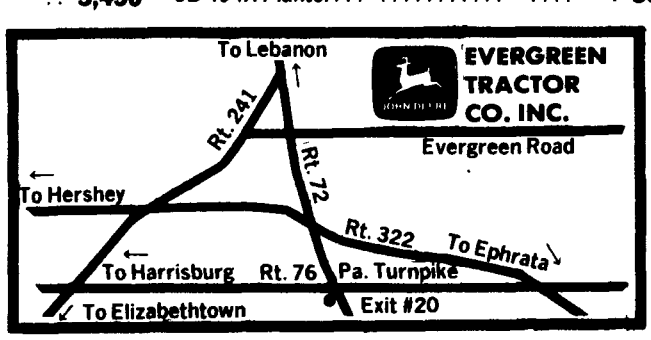
NH 469 Haybine (Super Sharp)	$3,650
NH 489 Haybine SOLD	$4,850
JD 640 Rake with Whee SOLD	$1,450
JD 480 Mower Conditioner	$1,450
Case 550 Mower Conditioner	$1,450
JD 14T Baler	$750
JD 500 Round Baler	$4,850
(1) IH 46T w/Thrower	$1,050
NH 275 Baler w/Thrower, Hydraulic Aim	$2,950
JD 1209 Mow SOLD ditioner	$3,950

MISCELLANEOUS:

JD 6 Row 30" Rear Cultivator	$1,050
6 Row Hyd. Fold Cultivator	$1,500
IH 2001 Loader	$950
JD #39 3 pt. Mower	$1,050
14.9x26 T-rail duals	
20.8x34 direct axle, less rubber	
NH 679 tandem axle spreader, hyd. endgate	$4,500
'Year round cab for JD 3020 or 4020	$1,050
JD 37 Hydraulic bucket ind. valve	$1,150
18.8x38 snap on duals	$650
18.4x34 snap on duals	$750
16.9x34 snap on duals	$450
JD 46A Hydraulic Loader hyd. bucket to fit 3010 thru 4020	$850

PLANTERS:

JD 7000 8 R 30" planter, liq P.O.P. monitor, no-till
IH 400 4R Air Planter
JD 7000 6 row w/no-til HD Coulters $8,750
JD 494A Planter $850



30 Evergreen Rd., Lebanon, PA., (717) 272-4641

Leesport Livestock

Leesport, Pa.
Wednesday, June 27, 1984
Report Supplied by PDA

CATTLE 328. Compared with last Wednesday's market, slaughter steers grading Good & Choice mostly steady, lower grades steady to $1 lower. Slaughter cows mostly steady to $1 lower. Slaughter bulls weak to $1 lower, spots $2 lower. Choice 2-4 960-1380 lbs. slaughter steers 61.75-64, one 65.00, Good 57-62.75, Good & Choice holsteins 53-56.75, few 58.35, Standard 50-53.75, few down to 48.50, Utility & Low Standard 38-47.25. Few High Choice & Prime slaughter heifers 60.10-61.50, few Choice 56-57.75, Good 51-57.25, few Standard 49.00-54, few Utility 45.50-47. Breaking Utility & Commercial slaughter cows 43.35-44.85, one 46.50, Cutter & Boning Utility 39-43.10, Canner & Low Cutter 36.00-39, Shells down to 32.25. Individual Choice slaughter bullock at 57.25, Good 52.25-55.25, Standard 46-50.35. Yield Grade #1 1210-2335 lbs. slaughter bulls 49.50-53.75, few #2 980-1405 lbs. 45.10-50. FEEDER CATTLE: Medium Frame #1 370-875 lbs. feeder steers 51.50-56.50, few #2 345-785 lbs. 47.75-54, Large #2 665-900 lbs. 44.75-49.75, lot 40.75. Medium Frame #1 515-775 lbs. feeder heifers 44.00-48.00. Medium Frame #1&2 300-895 lbs. feeder bulls 44.50-51.00.

CALVES 180. Vealers grading Standard and Good mostly steady. Individual Choice vealer at 75.00, one Good at 62.00, Standard & Good 90-120 lbs. 55.00-60, 65-90 lbs. 40.00-52, Utility 50-100 lbs. 20.00-40.00. FARM CALVES: Holstein Bulls 90-130 lbs. 60.00-88. Few Beef Cross 90-100 lbs. 52.00-60; Good & Choice 240-325 lbs. slaughter calves 53.00-68, Standard 230-350 lbs. 37.00-43.00.

HOGS 304. Barrows and gilts strong to $2 higher. US No. 1-2 205-260 lbs. barrows and gilts 54.85-55.50, 3 lots 55.85&56.25, No. 1-3 2-275 lbs. 54-55.25, No. 2-3 230-280 lbs. 53.00-55, 290-325 lbs. 41.50-47.25. Sows uneven, mostly steady to $1 lower. US No. 1-3 310-580 lbs. sows 39-42.50, few 45.75, No. 2-3 225-580 lbs. 34.50-40.50. Boars 25.00-35, light weights 38-44.50.

FEEDER PIGS 312. US No. 1-3 20-35 lbs. feeder pigs 72.00-85, lot 106, No. 1-3 35-50 lbs. 67.00-77, No. 1-3 55-85 lbs. 60.00-65. ALL SALES PER HUNDREDWEIGHT BASIS.

SHEEP 64. Few High Choice & Prime 30-50 lbs. spring slaughter lambs 80.00-125, Choice 45-100 lbs. 58.00-64, few lots 71.00-73, lot Good 36 lbs. at 71.00. Slaughter ewes 9.00-12, few mixed sheep & yearlings 20.00-35.00. GOATS 31: Adults 25.00-41, one 58.00. Kids 21.00-28, few 35.00, few Small Kids 12.00-23.00. ALL PER HEAD.

St. Louis Cattle

Thursday, June 28

Receipts This Week	3,600
Week Ago	3,500
Year Ago	4,100

Compared with the previous week's close, slaughter steers steady to .50 lower. Slaughter heifers weak to 1.00 lower. Cows 1.00-2.00 lower. Bulls weak to 1.00 lower. Slaughter supply mainly choice slaughter steers and heifers and 10% cows.

SLAUGHTER STEERS: Mixed choice and prime 2-4 1050-1325 lbs. 64.00-64.50. Choice 2-4 1000-1300 lbs. 62.50-64.00; 900-1000 lbs. 60.00-62.00. Mixed good and choice 2-3 900-1225 lbs. 60.00-62.50. Good 2-3 900-1175 lbs. 58.00-60.00; 800-900 lbs. 56.00-58.00. Mostly good 2-3 1100-1325 lb. holsteins 51.00-55.00. Part load mixed good and choice 58.00. Standard 2-3 975-1175 lbs. 45.00-51.00.

SLAUGHTER HEIFERS: Mixed choice and prime 2-4 900-1100 lbs. 61.00-61.50, 21 head 61.75. Choice 2-4 900-1050 lbs. 60.00-61.00; 800-900 lbs. 58.00-60.00. Mixed good and choice 2-3 800-975 lbs. 58.00-60.00. Good 2-3 800-950 lbs. 55.00-58.00; 700-800 lbs. 52.00-55.00.

COWS: (Closing Week Sales) Breaking Utility and Commercial 2-4 38.00-40.00. Cutter and boning utility 1-2 38.00-40.00. Few high-yielding boning utility 1-2 40.00-41.00. Canner and low cutter 1-2 34.00-38.00. Shelly canner 1-2 30.00-34.00.

BULLS: YG 1-2 1000-1900 lbs. 46.00-52.00, closing 46.00-51.00.

Wednesday's Weekly Sheep Auction. Receipts around 450 head. Spring slaughter lambs 2.00-4.00 lower., Slaughter ewes 2.00-3.00 lower. No recent price comparison on feeder lambs. Not enough of any other class to establish market trends.

SPRING SLAUGHTER LAMBS: Choice and prime 100-115 lbs. 54.00-60.00.

FEEDER LAMBS: Choice and fancy 55-90 lbs. 46.00-51.00.

SLAUGHTER EWES: Cull to good 120-160 lbs. 10.00-13.00.

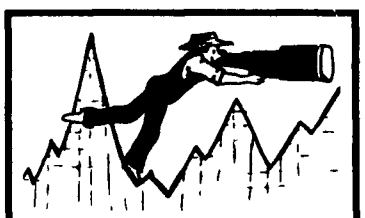
GOATS: Few 15.00 per head.

FEEDERS: (Including around 800 at the Regular Thursday Auction.) Trading moderately active. Feeder steers and feeder heifers fully steady. Supply mainly feeder steers 700-800 lbs. and feeder heifers 400-500 lbs.

FEEDER STEERS: Medium and large frame 1: 300-600 lbs. 60.00-64.25; 600-800 lbs. 59.00-62.00; 800-1,000 lbs. 57.25-58.00. One lot 900 lbs. 60.00. Large frame 2 holsteins: 300-900 lbs. 40.00-49.00.

BULLS: Medium and large frame 1-2: 400-575 lbs. 52.00-58.50.

FEEDER HEIFERS: Medium and large frame 1: 300-500 lbs. 53.00-57.25; 500-700 lbs. 52.00-56.25; 700-800 lbs. 57.00-51.25.



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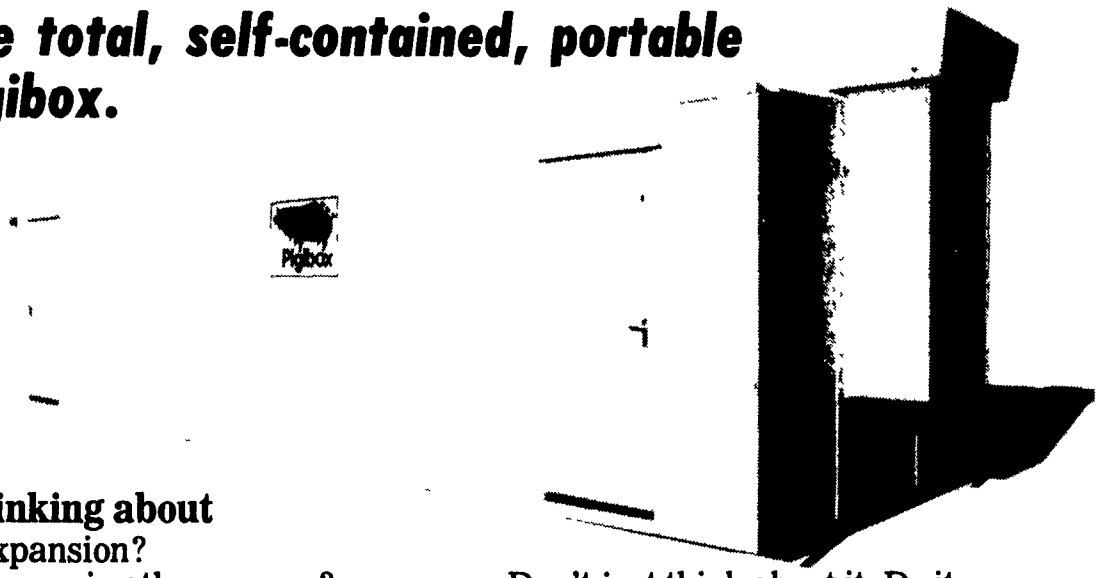

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S 1000	1 000 000	30 000 Sq Ft *
S 1500	1 500 000	45 000 Sq Ft *

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FREE HEATING SURVEY & ESTIMATE

Chambersburg Livestock

Chambersburg, Pa.
Thursday, June 28, 1984
Report Supplied by PDA

CATTLE: 254. Compared with last Thursday's market: Sl. cows 1.50 lower Choice 1 1200 61.35; (few) Good 52.50-58.00 (few) Good & Choice Holstein 51.00-53.75; (few) Standard 42.85-50.00; Sl. heifers (few) Standard 45.50-46.50. Sl. Ewes Breaking Utility & Commercial 40.50-43.85; (few) Cutter & Boning Utility 37.00-42.00; Canner & L. Cutter 35.25-38.00; Shells down to 33.00; Sl. bullocks: (few) Standard 45.00-50.50; Sl. bulls: (few) Yield Grade No. 1, 1160-1840 lbs. 47.25-52.00.

FEEDER CATTLE: Steers, Medium Frame No. 1, 390-850 lbs. 42.00-45.00.

CALVES: 483. (few) Prime 75.00; (few) Choice 60.00-70.00; (few) Good 55.00-60.00; Standard & Good 75-105 lbs. 50.00-59.00; Utility 60-85 lbs. 35.00-51.00.

FARM CALVES: Hol. Bulls 90-130 lbs. 60.00-100.00 mostly 75.00-90.00; Hol. Heifers 85-120 lbs. 57.00-82.00.

HOGS: 74. No. 1-3 205-215 lbs. 53.50-54.35; Sows US No. 1-3 265-565 lbs. 40.00-44.00; (few) Boars 34.25-38.75.

FEEDER PIGS: 5.

SHEEP: 18. (few) Choice 40.00-45.00. Spring/sl. lambs 49.00-59.00. 1 lot Sl. ewes: 22.00.

GOATS 8. (few) Large 17.00-37.00 per head.

Belleville Auction

Belleville, Pa.
Wednesday, June 27
Report supplied by PDA

CATTLE 165: Compared with last Wednesday's market, few Standard slaughter steers 44.50-50.10. Few Standard slaughter heifers 45.00-51.00. Breaking Utility & Commercial slaughter cows 42.00-46.35, Couple Beef Type to 52.00, Cutter & Boning Utility 40.00-43.50, Shells down to 34.00. Yield Grade No. 1 865-2325 lbs. slaughter bulls, 46.25-53.25.

CALVES 184: Individual Choice Vealer at 71.00, Standard & Good 75-105 lbs. 51.00-56.00.

FARM CALVES: Holstein Bulls 90-135 lbs. 60.00-99.00 Mostly 80.00-95.00, Holstein heifers 85-130 lbs. 49.00-57.00.

HOGS 271: US No. 1-2 210-245 lbs. barrows and gilts 54.25-55.10, No. 1-3 215-260 lbs. 53.00-54.50, No. 2-3 260-360 lbs. 44.00-49.00. US No. 1-3 350-675 lbs. sows 38.00-45.00. Boars 30.00-38.35.

FEEDER PIGS 164: US No. 1-3 20-35 lbs. feeder pigs 18.00-27.50 per head, No. 1-3 35-50 lbs. 26.00-35.50 per head.

SHEEP 86: Good & Choice 40-80 lbs. Spring slaughter lambs 40.00-52.00, Couple to 55.00. Slaughter ewes 8.50-22.00.

GOATS 18: 15.00-37.00 per head.

Holstein Dairy Cows 430.00-880.00, Couple 960.00 per head.

Valley Livestock

Valley Stockyards
Athens, Pa.
Monday, June 25
Report supplied by auction

Holstein Hfr. Calves to 61.00; Veal Calves 60.00-70.50; Vealer Bull Calves 65.00-91.00; Slaughter Calves 45.00-50.00; Grassers & Feeders 32.00-40.00; Lambs 40.00-48.50; Sheep 10.00-25.00; Hogs, 200 to 250 42.00-51.50; Sows 36.00-44.50; Boars 30.00-34.00; Pigs each 15.00-25.50; Heifers 41.00-46.25; Steers, medium 44.00-49.75; Steers, feeder 34.00-48.25; Bulls 44.00-54.50; Cows, utility 41.00-43.75; Cows, fat 41.00-43.00; Cows, medium 36.00-39.00; Cows, poor or small 28.00-36.00; Cattle Market steady; Calf Market easier; Horses 240.00-290.00; Ponies none; Goats each 8.00-51.00.

Weekly Summary

Friday, June 29
Report supplied by PDA

CATTLE: 8372. Compared with 8574 head last week, and 6676 head a year ago. Compared with last Friday market: Slaughter steers uneven mostly steady spots .50-1.00 lower; Sl. heifers weak 2.00 lower; Sl. cows 1.00-1.50 lower most decline from middle of the week on! Sl. bullokcs uneven; Sl. steers: High Choice & Prime Yield Grade 3-4 64.00-67.50; Choice Yield Grade 2-4 61.50-65.50; Good 55.00-59.00; Standard 49.00-55.50; Sl. heifers: Choice 57.64; Good 52.00-57.25; Standard 45.00-52.00; Sl. cows: Breaking Utility & Canner 42.00-45.50; Cutters & Boning Utility 37.00-43.50; Canner & L. Cutter 34.00-39.75; Shells down to 26.00. Sl. bullocks: (few) Standard 45.00-52.75; Sl. bulls: Yield Grade No. 1, 1000-2350 lbs. 49.00-57.00; Yield Grade No. 2 900-1400 lbs. 46.00-50.00.

FEEDER CATTLE: Steers, Medium Frame No. 1 350-850 lbs. 48.00-58.50; Heifers, Medium Frame No. 1 350-750 lbs. 43 00-49.00; Bulls: Medium Frame No. 1 350-850 lbs. 45.00-55.00.

CALVES: 4436. Compared with 4357 head last week and 3963 head a year ago. Vealers weak-5.00 lower. Spots 20.00 lower. (few) Prime 90.00-108.00; Choice 60.00-71.00; Good 50.00-61.00; Good 90-120 lbs. 50.00-60.00; 65-90 lbs. 42.00-52.00; Utility 50-100 lbs. 30.00-40.00.

FARM CALVES: Hol. Bulls 90-130 lbs. 60.00-100.00, mostly 75.00-95.00; Hol. Heifers 85-135 lbs. 49.00-82.00.

HOGS: 7504. Compared with 7021 head last week and 6965 head a year ago. Barrows and gilts mostly steady $1 higher. US No. 1-2 200-245 lbs. 53.00-55.75; No. 1-3 200-250 lbs. 50.50-54.50; No. 2-3 200-280 lbs. 48.00-50.50; (few) No. 1-3 140-190 lbs. 45.00-48.00; Sows steady 1.00 higher. US No. 1-3 300-585 lbs. 39.00-45.00; No. 2-3 300-650 lbs. 34.00-40.00. Boars 28.00-35.00.

FEEDER PIGS 1447. Compared with 1633 head last week and 1532 a year ago. Uneven steady-5.00 lower. US No. 1-3 20-35 lbs. 15.00-37.00 per head; No. 1-3 35-50 lbs. 23.00-40.00; (few) No. 1-3 50-85 lbs. 33.00-50.00 per head.

GRADED FEEDER PIGS: 1703 all sales CWT. Compared with 2415 head last week, and 1941 head a year ago. Feeder Pigs highly uneven extremes 8.00 higher- 7.00 lower. Spots 20.00 lower. US No. 1-2 30-40 lbs. 66.00-121.00, 40-50 lbs. 71.00-113.00, 50-60 lbs. 60.00-106.00, 60-75 lbs. 51.00-94.00, US No. 2-3 30-40 lbs. 60.00-107.00, 40-60 lbs. 50.00-90.00.

SHEEP: 1707. Compared with 1275 head last week and 1434 head a year ago. Spring sl. lambs steady-5.00 lower, High Choice & Prime 50-110 lbs. 54.00-68.00; Choice 40-110 lbs. 45.00-64.00; Good 40-100 lbs. 38.00-53.00; Sl. ewes: 8.00-22.00.

Thin those fruit trees

NEWARK, Del. — For a healthy supply of orchard fruits every year, backyard gardeners should be prepared to thin their fruit crops in June, says University of Delaware extension agriculture agent Derby Walker.

Fruit trees naturally thin themselves this time of year, he points out. In a process called June drop, small, poorly pollinated fruits fall to the ground, leaving the healthier specimens on the tree. But gardeners can't always rely on nature to remove the right amount of fruit for optimal crop production.

If your fruit trees seem to be dropping too much fruit this year, it could mean that you applied an insecticide such as Sevin too soon after bloom, Walker says.

Often home fruit growers face the opposite problems — too much fruit left on the tree after June drop. Branches can break under the strain, resulting in yield loss for several seasons. Also, unthinned trees have more insect pests and diseases because it is difficult to get good spray coverage when fruits are touching each other. Peaches and apples should be spaced so there is 6 to 10 inches between them. This allows enough space for each to develop to medium or large size, and permits sunlight to reach the fruit so it will color better.

Walker says it's best to grow a smaller number of large fruits than many small fruits. The core or pit of a small fruit is almost as big as that if a large fruit, so a tree that is not thinned wastes much of its energy growing inedible pits or cores. A thinned tree, on the other hand, produces good-sized fruit that is easier to harvest with less waste.

Thinning fruit trees now will also prevent a cycle of heavy crops followed by light crops. A heavy crop drains a tree of nutrients, resulting in reduced bud set in August and a small crop the following year. Thinning the fruit in a heavy year breaks the cycle, promoting a medium-sized crop every year.

Chemical thinning is generally not practical for home gardeners, Walker says. Instead, remove by hand fruit that looks misshapen or smaller than the rest. Peaches can sometimes be thinned by striking the branch sharply with a hard hose or rubber mallet. Many of the weaker fruit will fall, although some final hand thinning may be necessary. The mallet approach will not work with apples, which must be hand-thinned one at a time, Walker says.

Library adds new books

STEWARTSTOWN — A half-dozen new books have been added to the Stewartstown Library's "farm collection," according to librarian Dorothy Davis.

New volumes just added to the collection include: "The Pear," by Tom van Der Zwet; "Modern Fruit Science," by Norman Childers; "The Complete Guide to Beekeeping," by Roger Morse; "Technology of Wine Making," by M.A. Amerine; "Forage Crops," by Darrell Miller; and "Estate Planning," by Robert Holzman.

For further information on these new volumes, or other topics included in the farm collection, interested readers may contact Mrs. Davis at 717-993-2404.

Westminster honors Armstrong

NEW WILMINGTON — Gibson E. Armstrong, resident of Refton and Representative in the State Legislature from District 100, was awarded an Alumni Achievement Citation by Westminister College, New Wilmington, at a recent special alumni ceremony.

A graduate with a degree in business from Westminster in the class of '65, Armstrong had been a resident of Lancaster County since his return from active duty in Viet Nam where he served in the United States Marine Corps.

First elected to the Pennsylvania House of Representatives in 1976, Armstrong is now serving in his fourth term. He is the Republican party's nominee for the State Senate seat, District 13, currently held by Richard A. Snyder, who declined to run for another term.

The plaque presented to Armstrong by the college reads, "Presented to Gibson E. Armstrong, 1984 Alumni Achievement Citation for Community Service". Since being elected to the House, Mr. Armstrong has served on the Appropriations, Labor Relations, Consumer Affairs, Insurance, State Government and Veterans' Affairs Committees.

The Westminster alumnus is an active member of Boehm's United Methodist Church, Willow Street, and a member of the Willow Street Lions Club. He has also been active in Boy Scout work.

At Westminster Armstrong starred as a running back for four years on the Titan's outstanding football teams. He also was a member of the track team, setting a district record in the high hurdles. He was a member of the Sigma Phi Epsilon social fraternity.

While serving with the Marines, where he attained the rank of captain, Armstrong saw action as an intelligence officer, a nuclear weapons courier and a top secret flight controller.

Mr. and Mrs. Armstrong and their four children reside on a farm near Refton.

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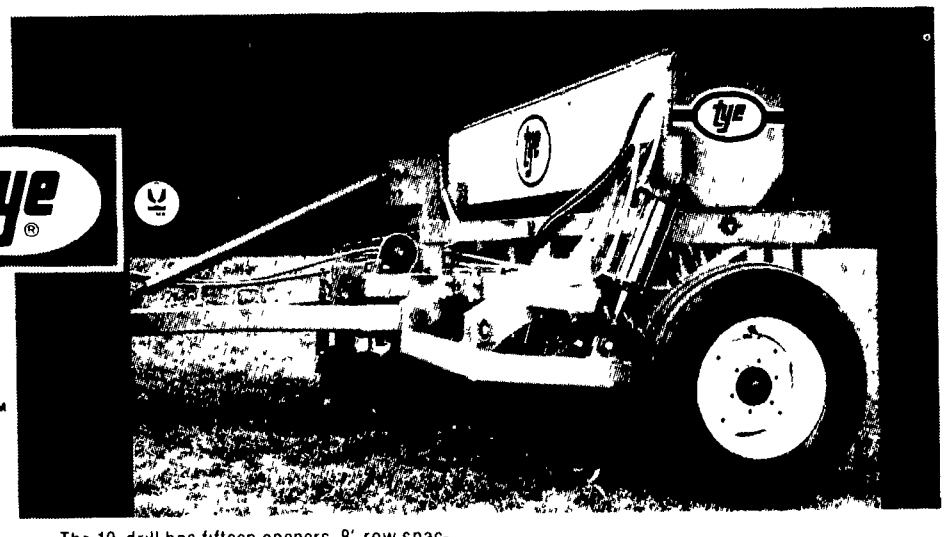

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Heifer management critical when pasturing

UNIVERSITY PARK — To meet the goal of raising well-grown heifers that freshen by 24 months, a farmer cannot afford the setbacks in growth that occur when heifers are left to fend for themselves in far-off, forgotten pastures, says a Penn State assistant professor of dairy and animal science.

All too often, summer-time heifer management involves merely counting the heifers once a week to be sure they're all there, according to A.J. Heinrichs. Pastures can be used very successfully for heifers provided that they are checked daily and concern is given towards feed, fly control and parasites.

Heifers less than six months of age are usually better off to be kept in the barn, Heinrichs says. The digestive system of these young calves is not fully developed to handle high forage diets. These animals rely on getting most of their nutrients from grain. Also, Heinrichs adds, young heifers tend to suffer more from heat, competition from other heifers and parasites.

Dairy heifers that are 6- to 12-months-old can grow very successfully on pasture provided that they are supplemented with four to six pounds of good quality, 16 to 18 percent dairy ration throughout the pasture season.

Heifers that are over 12 months of age will do well on good quality pasture alone in early summer. However, it is important to realize that as pasture quality declines during mid to late summer, heifer growth rates also decline, Heinrichs says. Normal growth rates can be maintained if hay or silage is provided free-choice to heifers on pasture. Also some grain should be provided depending on the quality of these supplemental forages.

All heifers should have adequate shade and free access to good quality, clean water, Heinrichs adds. Ponds and streams which look good in spring may become stagnant or dried up in late summer.

Fly and parasite problems can also stress pastured heifers to the extent that growth rates are reduced, Heinrichs says. Parasite problems are likely to occur during a heifer's first season on pasture. Animals that have not previously been exposed to parasites have little to no resistance to digestive tract parasites.

Parasite eggs overwinter on pastures in the northeast. These eggs hatch into larvae under warm, moist conditions in spring weather. Heifers can become heavily parasitized by early to mid-summer. When this occurs, heifers grow slower because they are less feed efficient. They also may develop diarrhea causing them to become anemic.

To avoid the build-up of parasites in heifers on pasture, Heinrich suggests rotating pastures and avoid overgrazing pastures. Worming at three and six weeks after turnout on pasture will greatly reduce the degree of parasitism, he adds.

Pinkeye can also be a problem to heifers during the summer when on pasture. Fly control is important with this infection. Affected heifers should be brought indoors for treatment and confined out of direct sunlight until the condition is cured, Heinrichs says.

Further items that are often overlooked with heifers while on pasture are salt and minerals. Trace mineral salt should always be available to heifers on pasture. Be sure to check that selenium is present in this salt. The second item that should be available on a free-choice basis is a calcium-phosphorus supplement (dical). Research has shown, Heinrichs says, that heifer diets that are low in phosphorus, which can occur on pasture, can delay the onset of estrus in these animals.

Pasture, plus some good management, can provide a low-cost labor efficient system for handling heifers over six months of age. Maintaining proper growth rates throughout the entire summer requires additional feed and effort but will help result in well-grown, healthy heifers Heinrichs concludes.

Heifer management headlines twi-light meeting

GETTYSBURG — Practice in judging dairy cows, a tour of the barns and milking facilities and a review of recommended practices for the feeding and care of dairy calves and heifers were features of the twi-light meeting co-sponsored by the Adams County Holstein Association and the Penn State Cooperative Extension Service June 21, at the John Hess farm, Gettysburg.

Outlining sound health measures for young dairy stock, Dr. Jesse Stoner, veterinarian from New Oxford (recently re-located to the Duffield area in Franklin County) warned the dairymen that nipple feeding frequently leads to aspirating when worn nipples are used. This causes pneumonia. He urged the weaning to bucket feeding as soon as possible.

"If milk replacers are fed, be sure they are of high quality to supply adequate amounts of energy. This is especially important in winter," Stoner said.

Stoner emphasized the importance of housing calves separately from adult animals and following a regular worming schedule. Treatment for coccidiosis should be included on larger farms. Bull calves should be separated from heifers at six months of age to avoid unplanned breeding, Stoner added.

A slide-illustrated program on "Management of Dairy Herd Replacements" was presented by county agent Thomas E. Piper. He reminded the dairymen that the USDA Food Safety Inspection Service on June 4, instituted two new regulatory efforts affecting dairymen. In the first of these dairymen should sign a producer certification for stating that calves to be slaughtered within the first three weeks of age have not received drugs. Such calves will be sold separately from uncertified calves. Calves without producer certificates will be subject to a new itensified residue-testing program.

Host farmer John Hess took the visitors on tour of the dairy barn he remodeled one year ago in which he milks 24 cows in a California-style flat parlor. "This unit provides the efficiency of a Double-Six parlor at one-fourth the cost" Hess said.

Hess' 140-cow herd is housed in a free stall barn, maintained in two production groups and fed a total mixed ration. Special feed ingredients include waste candy and wet brewers' grains to supply lower cost sources of energy and protein.

The jugging contest was officiated by Billy Joe Heath, Westminster, Md. Jenny Hess and Carol Clowney tied as winners in the youth division; Marvin Brown was first, Carolyn Durboraw second in the adult division. Vo Ag teacher Ron Bower and 4-H leader Alan Zepp tabulated results.

Carol Clowney, newly selected Adams County Dairy Princess, expressed appreciation for industry support of the Dairy Princess pageant and joined Michael Gitt representing the Pennfield Feed Corporation in serving refreshments to the group.

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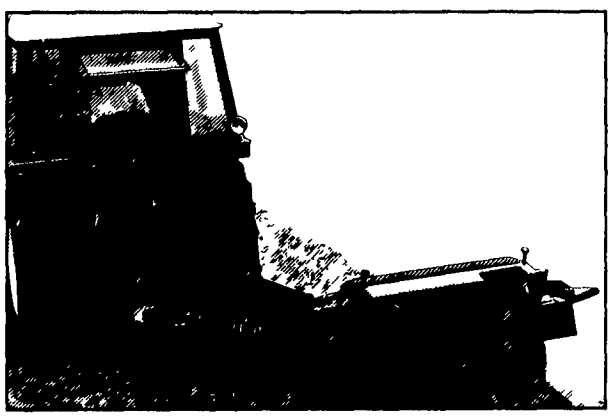

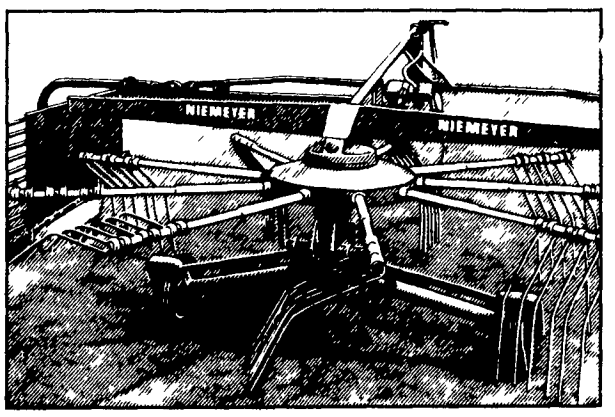

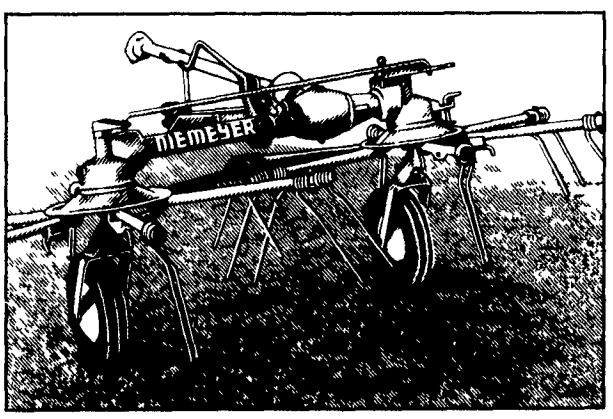

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Jeffrey on tractor

Jeffrey, the eldest of the young Kennedys, is currently working fulltime on the farm.

BY DONNA McCONAUGHEY
Staff Correspondent

BUTLER — While specialization is evident on some farms today, diversification is the management philosophy seen on the Butler County farm of the James Kennedy family.

Diversification is the philosophy and excellence is the standard on Four Seasons Farm. Jim represents the third generation of Kennedys to farm using those standards. Jim notes that even in the 1930's his grandfather was breeding the "dual purpose cow," one which would both show and milk.

The Kennedy family's Brown Swiss have proven their ability to do just that. Rita Kennedy supervises the show string along with her five children, all of which are in 4-H this year. Under her guidance and with their hard work, many awards have been brought home to hang on the office walls. These 4-H's have taken grand champion honors at district competition for three years and have gone on to place in the top three at the State Junior Show. In addition, championships and premier exhibitor honors have been won at the Farm Show.

The winning this family is most proud of is a recent announcement that Jeff's 5-year-old has been named Reserve All-American in the National Contest. She had previously won first in the Eastern National Brown Swiss Show in 1983 and was the Supreme Champion at the Western Pa./Canton Show in August of 1983 where she topped more than 500 milk cows of all breeds.

Holding to the philosophy of the "dual purpose cow," Fancy has records of 21,181 pounds of milk and 902 pounds of fat.

Also in December 1983, Fullerton Perfection Marie was named high producing 3-year-old in the nation for protein with 22,530 pounds of milk, 780 pounds of protein and 859 pounds of fat. In the aged cow division, the Kennedys claimed twelfth and sixteenth places in National Competition for protein production.

Their rolling herd average on 56 cows is 14,700 pounds of milk and 619 pounds of fat with a 4.5 percent test.

Excellence is evident in the Brown Swiss herd, but it can also be found in the other aspects of this diversified farm operation. The crops aspect includes corn, oats, soybeans, wheat, alfalfa and grass hay on the 657 acres owned and 55 acres rented. The grain produced that is not needed for livestock feed is sold in the Philadelphia area and locally. However, Jim notes that price advantage to marketing exists in the East.

In support of his philosophy of diversification, Jim notes that during the grain church he "would have lost it." That year, putting corn in the ground cost him $2, and he sold it for $1.60 a bushel. On top of that, interest rates went up.

So, in addition to dairy and grain farming, this family is involved in a Farmer's Market near Pittsburgh. They have a 34-foot stall from which they sell beef, vegetables, poultry and sweet corn. This is now a seasonal market but is open every Saturday morning, 52 weeks a year. This necessitates much preparation.

"We work all day Friday to get ready and get up at 2:30 a.m. in order to get to the market by 5 a.m." Rita says.

In addition to these aspects of their operation, son Jason has started a small flock of Rambouillet sheep after being given an orphan lamb. Santa Claus also helped to add one more facet when he brought son John two pigs for Christmas.

Their family is very important to Jim and Rita. They believe that their children should be given an opportunity to try new things. When a child is interested in a particular species of livestock, they provide the opportunity.

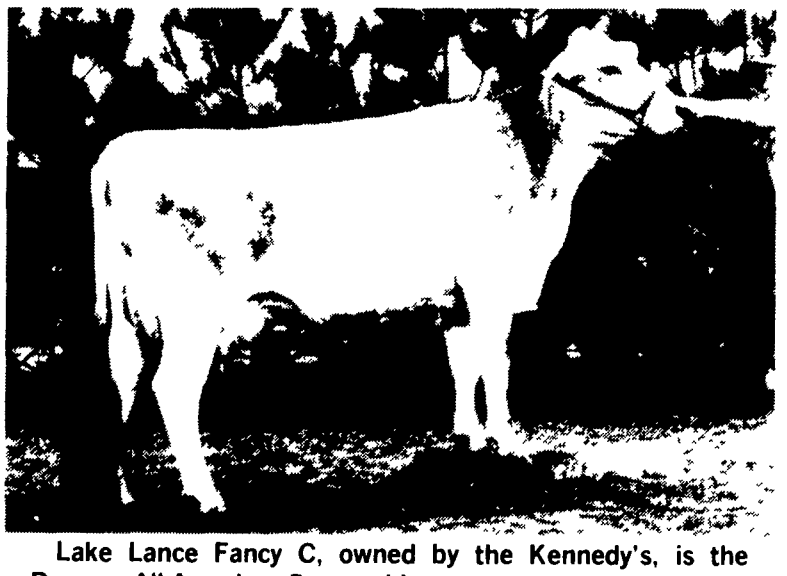
Like most farm families, they would like to see their children stay on the farm, but "we try not to make decisions for the kids," Jim says. They hope by providing opportunities and teaching their children to take responsibility that those decisions will be wise ones.

In 1977, Jim joined his brothers in purchasing a 700-acre farm of which he received 385 acres. One of his major goals with this purchase was to have enough land "to take the kids into the operation" if they choose.

"All of us go through the same thing, wondering are they or are they not going to want to stay here," Jim says.

The Kennedy's oldest son, Jeff, is currently facing that decision. After graduation, he had the opportunity to enter college but felt he needed "a year off." He has decided to spend that year working on the farm as he determines what he will pursue in the future.

Reserve All-American



Lake Lance Fancy C, owned by the Kennedy's, is the Reserve All-American 5-year-old.

As Jim talks about his farming operation, he quickly points out that he and Rita are truly partners. Not only does she manage a home and five children, but Rita is also totally responsible for the show string. She is one of six coordinators for the Pennsylvania

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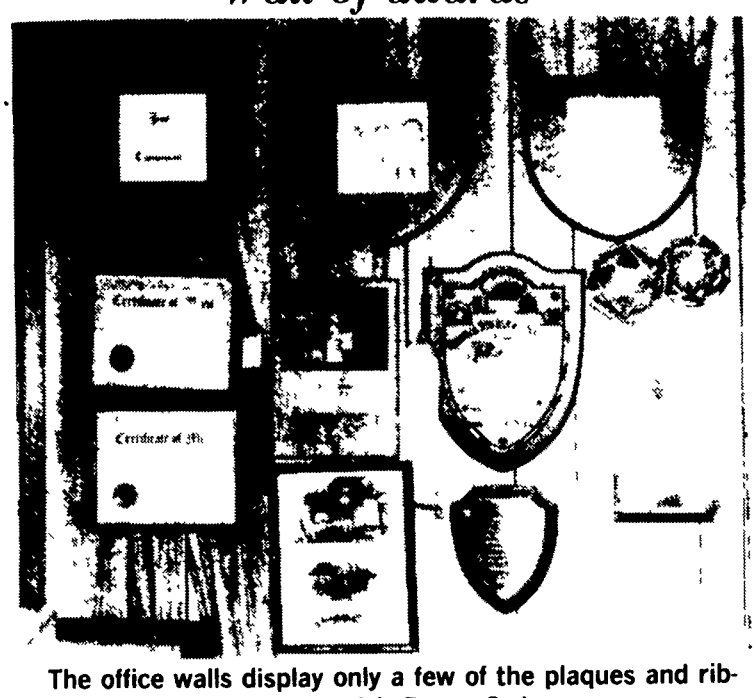
Wall of awards



The office walls display only a few of the plaques and ribbons captured by the Kennedy's Brown Swiss.

Dairy Promotion Service Inc. In addition, she does all of the milking during the busy field work seasons and more than one-half of the milking during the other times. Rita coordinates the family's Farmer's Market efforts and keeps all the farm's records.

"She is the one who says 'yes we can afford that' or 'no, we can't'", Jim says.

Finances are an important part of the running of a farm business as is the conservation of land. Jim was named the 1983 Cooperator of the Year by the Butler County Agriculture Stabilization and Conservation Service. The Kennedy's have a conservation plan for every field on their farm. Some of their accomplishments since 1978 include placing over 132 acres in contour strips, using crop residue management on 99 acres to prevent erosion and installing more than 10,000 feet of tile for subsurface drainage. They have also placed 138 acres into a Woodland Management Plan.

The Kennedys are always looking for ways to improve their operation. They continue to strive for increased production with higher butterfat and protein content while maintaining type. Currently, they have seen an increase in requests for calves and breeding stock. This is a market they hope to pursue strongly. Jim points out that they believe in selling cull cows as culls — not to other farmers. It bothers him to see "common looking cattle" at shows and to have people thinking "that's what we're striving for."

Not only does the family do their share of competing on the tanbark, but Jim is well-known for his own judging abilities. He has also served as past president and secretary of the Brown Swiss Association.

Jim's involvement in these areas has helped him to stay current with happenings in the dairy industry. Jim believes that an abundance of information is available to dairymen today.

"Ninety-nine percent of that information is free — all I have to do is apply it," Jim says of the information he obtains from businessmen, bankers and others he works with regularly in managing his farm.

As Jim and Rita look to the future, they hope in five years to be independent of debt, establish more strongly a business in merchandising breeding stock while improving production and their heifer facilities, and involving their children in the farming business.

Like many purebred breeders, they chose not to participate in the recent federal reduction programs. "Fifteen months is a long time to stay out of the market," Jim says. "There are a lot of up-and-coming breeders out there trying to get their share of the breeding stock business."

The Kennedy's future plans do include continuation of the diversification of their business. This Butler County farm truly is a Four Seasons Farm.

Calves in hutches

Calves on the Kennedy farm are housed in hutches initially and are later grouped in pens of three or four.

Nestled in W. Pa. valley

The majority of the buildings on Four Seasons Farm lie in a valley nestled among Western Pennsylvania hills.

Cornell plans seed day

ITHACA, N.Y. — Progress made in Cornell University's plant breeding programs involving food and feed crops such as wheat, oats, barley, and hay will be discussed at this year's Seed Growers' Field Day, Friday, July 6.

To be staged at Cornell's field crops research plots, the outdoor event features tours and discussions of a number of cereal and forage crops being grown for evaluation in Cornell's breeding programs.

New, promising varieties of wheat, barley, oats, alfalfa, and clover will be shown. Disease and insect problems affecting field crops this year in New York State will be discussed, also.

Open to members of the seed industry in the Northeast, including growers, processors, and dealers, the annual event is sponsored by the department of plant breeding and biometry in the New York State College of Agriculture and Life Sciences at Cornell.

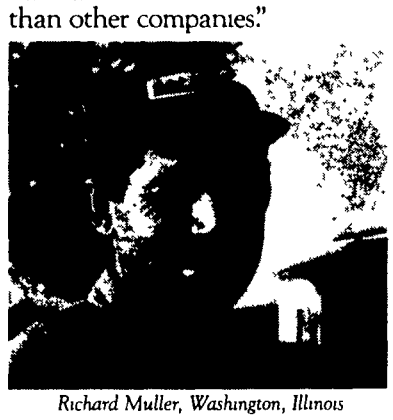
The July 6 field day starts at 10 a.m. at the seed barn of the New York State Seed Improvement Cooperative on Route 366, near Cornell Orchards. The program will end at 3 p.m.

For more information about the program, contact the field day coordinator, William D. Pardee, chairman, Department of Plant Breeding and Biometry, Cornell University, Ithaca, NY 14853. He can be reached by telephone at (607) 256-2180.

David Roth, Loysville, Pennsylvania

herd average is 19,476 lbs. "I tried to increase milk production with another feed," he says, "but it didn't work – so I went back to Purina. It's a lot better feed."

Richard Muller, Washington, Illinois, who also feeds Purina High Octane brand 36% concentrate, reports a DHI rolling herd average of 19,962 lbs. "My father started feeding Purina Cow Chow about 1925 and the herd has been fed Purina since," Muller says. "We have always been satisfied with the results and felt that Purina has done more research than other companies."



Richard Muller, Washington, Illinois

Another third generation dairyman is *Arnold Oechsner, Jr.* of *Brownsville, Wisconsin*. He feeds his 115 head herd both Purina High Octane brand 36% concentrate and Purina Milk Generator® brand 1056 complete ration. Oechsner, who has a DHI rolling herd average of 20,309 lbs., says he has fed Purina milking ration for more than five years because it "has given me the most milk production per cow per year."

Arnold Oechsner, Jr , Brownsville, Wisconsin

*Recognition of dairymen who have fed Purina milking rations for over 12 months and whose DHI rolling herd averages are in the top 5% in their state for their breed

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Dauphin outlines Gypsy Moth plan for '85

HARRISBURG — A recent interview with Duayne Forsberg, Resource Specialist with the Dauphin County Conservation District, outlined the procedure landowners should follow in Dauphin County to request "possible" gypsy moth spraying of their properties for 1985.

A complex cooperative spraying program involving three levels of government was explained by Forsberg. The Pennsylvania Department of Environmental Resources, Bureau of Forestry, administers and sets forth the spraying program. The majority of spraying funds are provided by the Commonwealth.

Locally, the Dauphin County Commissioners through the Dauphin County Conservation District, will coordinate the field work with municipal assistance. Municipal and county government also provide funds for spraying.

When Forsberg was asked how a landowner should request spraying for 1985, he stated, "it would depend on where the property was located in the county." According to the Dauphin County policy, landowners south of Peters Mountain should direct their request for spraying to their township or borough office. Forsberg said, "The Dauphin County Conservation District will not record requests received from landowners in the southern half of the county."

However, he did state that the Conservation District will record spraying requests from landowners north of Peters Mountain, including Rush Township. "Municipalities in upper Dauphin County are simply without full time office staff that landowners can call. Our office will provide this service for upper Dauphin citizens." The Dauphin County Conservation District can be called at 652-7048 weekdays between 8:15 and 4:30 P.M.

Requests for spraying should be placed while the gypsy moth caterpillars are actively feeding from May to July. The county has set a deadline of July 9, 1984 for spraying requests to be recorded for the 1985 spraying program.

Forsberg said that July 9th to October 1st will conduct field investigations of requested areas to determine if they are eligible for spraying. He stressed that, "submitting a request is not a quarantee for spraying." D.E.R. and Dauphin County have developed a set of guidelines that must be met before any area is sprayed."

The major "requirements" were highlighted by Forsberg. "Only forested residential or special use areas can be sprayed. Undeveloped and uninhabited forest lands will not be sprayed by D.E.R. An area must be 25 acres or larger in size, contain 250 healthy egg masses per acre, have a crown cover of at least 50% and contain tree species that are susceptible to gypsy moth damage."

He also emphasized that, "spraying in 1985 will only occur in municipalities where either the township supervisors or borough council members have agreed to provide municipal funds for spraying." Municipal officials must notify the Conservation District by the beginning of August with their funding decision.

"Once field investigations are completed and if the requested areas qualify, I'll submit the county's proposed treatment areas to D.E.R. before October 1st. We should know by mid January 1985 which treatment areas D.E.R has accepted or rejected."

Phillips gets Extension post

UNIVERSITY PARK — Richard E. Phillips has assumed the position of Assistant Director for Extension and State Program Leader for Agriculture at Penn State. He began his duties June 1.

Phillips was formerly professor of agricultural engineering and Extensions specialist for farm structures at the University of Missouri. He replaces Fredrick Hughes, who will retire effective June 30.

As Agriculture Program Leader, Phillips will be responsible for directing educational programs in agronomy, agricultural education, agricultural economics, agricultural engineering, entomology, plant pathology, dairy and animal sciences, and food science.

In 1982, Phillips received a one-year contract from the United States Department of Agriculture to provide extension program support for the Northern Agricultural Energy Center at Peoria, Il. He was responsible for transferring alternative energy technology to state program

Richard E. Phillips

leaders in agricultural energy. "The position gave me an excellent opportunity to gain greater knowledge of extension programs in several states," says Phillips. "I also acquired a better understanding of the federal extension effort."

Phillips went to the University of Missouri in 1971. Before that, he was state extension specialist in Farm Structures at the University of Connecticut.

A native of Oswego, N.Y., Phillips earned a bachelor's and master's degrees from Cornell University. He received a Ph.D. from Michigan State University in 1970. His area of specialization was Agricultural Engineering. Systems Science and business management.

Phillips belongs to the American Society of Agricultural Engineers, and is a member of Gamma Sigma Delta, Sigma Xi, and Alpha Epsilon. He is also a member of the honorary Extension fraternity, Epsilon Sigma Phi.

LF in 'covert' operation

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We can't help but wonder if the Covert's Golden Lab might not be enlisted by the CIA to deliver messages in their covert operations in places like Central America.

Market guide available

HARRISBURG — A revised Agriculture Department publication, "A Consumer's Guide to Direct Marketing," is now available from Rep. Ken Brandt's office.

The guide lists roadside farm markets, open air markets, pick-your-own farms, as well as outlets for organically-grown foods, maple products, Christmas trees, mushrooms, wine and dairy products.

Pennsylvania is the acknowledged leader in the direct marketing of farm products, Brandt said. Because of rising prices for canned goods at the grocery, buying fresh produce and canning or freezing it for future use has become increasingly popular in recent years.

Included in the 1984 edition is a chart indicating the best times to purchase various products in season.

Limited free copies of the guide are available by writing to Brandt at 25 E. High St., Elizabethtown, PA 17022, or 430 Locust Street, Columbia, PA 17512. His telephone numbers are 367-5525 (Elizabethtown) and 684-5525 (Columbia).

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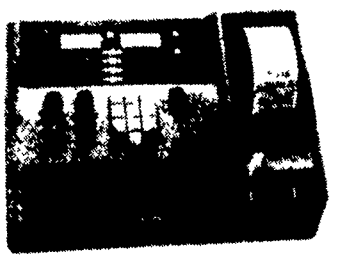

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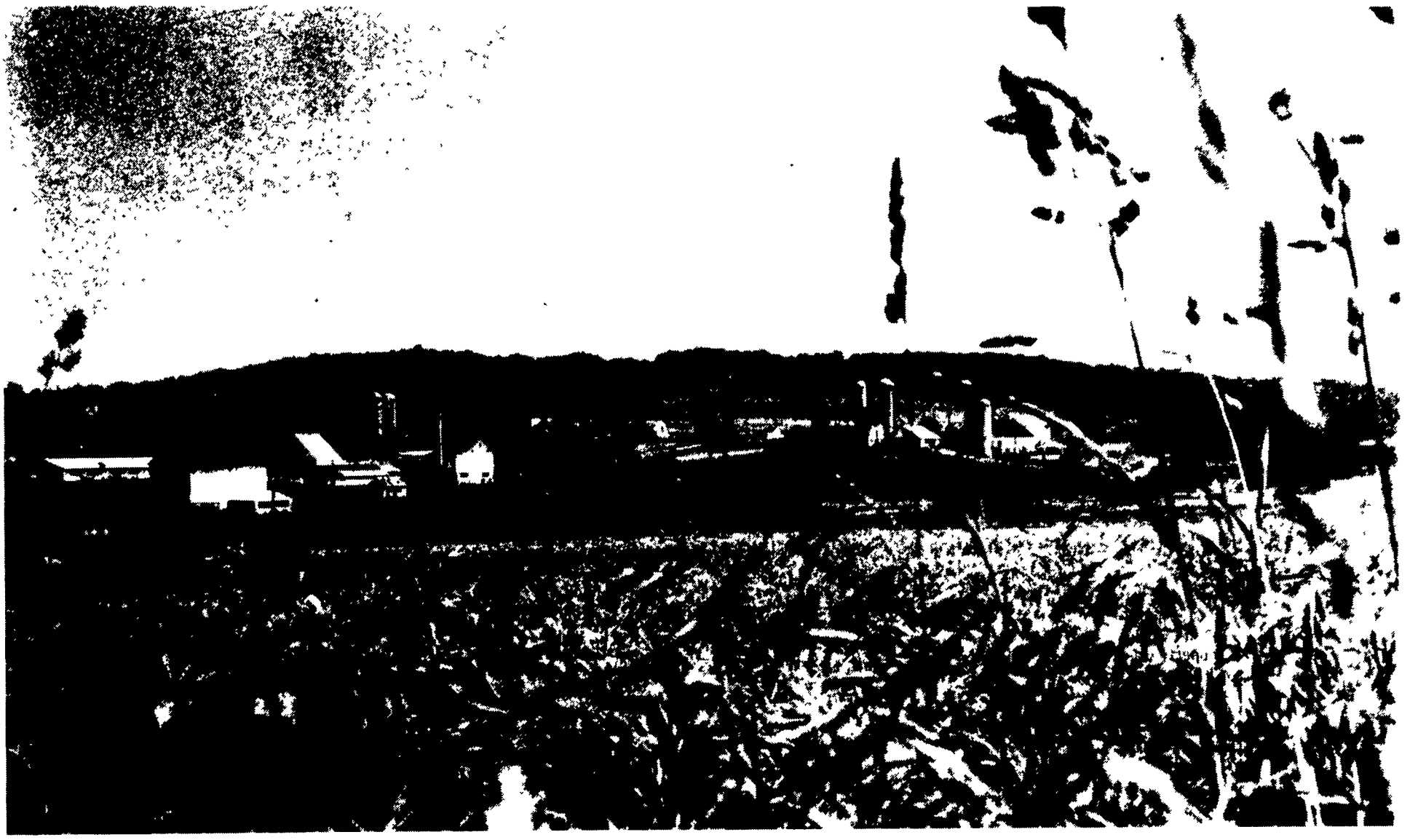

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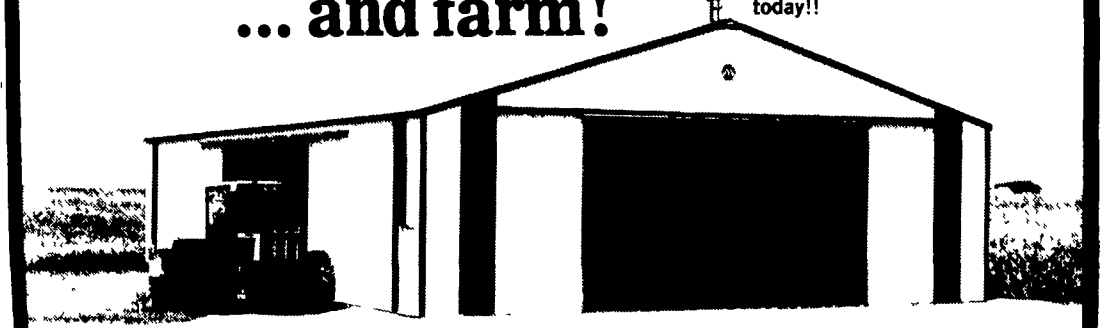

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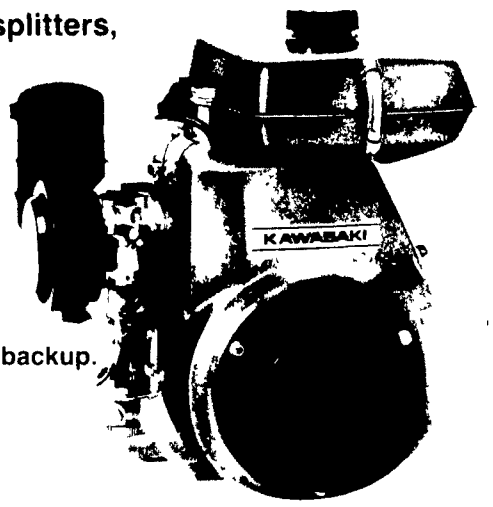

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After 28 years...

A veteran Farm Credit manager looks back

BY JACK HUBLEY

LANCASTER — Though the numbers have changed, much about agricultural lending has remained the same during the last three decades. This is the conclusion reached by Carl A. Brown, a man with 28 years of service to the Farm Credit System.

Only yesterday, the veteran farm lender closed the book on the final chapter of a career that began in 1954 when Brown joined the Northeastern Associations' office in Tunkhannock as assistant manager.

Two years later Brown moved to the Meadville Associations in Crawford County, and in 1962 Carl joined the Lancaster Associations. In 1964 Carl was named general manager, a position he held for 20 years.

The nation's premier agricultural lender, the Farm Credit System provides long-term real estate loans through its 505 Federal Land Bank Associations, as well as short-term lending through its 425 Production Credit Associations nationwide.

One of nine Pennsylvania Associations, the Farm Credit Associations of Lancaster serve Lancaster, Lebanon and Dauphin Counties with five offices staffed with 48 employees. Though the Lancaster offices' total loan volume alone exceeds $222 million, the Farm Credit picture was quite a bit different when Carl came to the Tunkhannock office nearly 30 years ago.

"I can remember the celebration we had up at Tunkhannock when we reach half-a-million in outstanding loans," Brown recalls. "We have plenty of loans out today with more money than that involved in one loan. And when I came down here (to Lancaster) in 1962, we had less than $10 million outstanding."

And the numbers continued to grow. By 1967, Farm Credit membership (operated on a co-op basis, all Farm Credit borrowers become members) had risen to 1,378 accounting for loans of $17.7 million. Today the Lancaster Association's $222 million-plus loan volume represents the borrowing activity of some 2800 members.

And to meet the needs of its membership, the Farm Credit staff has grown, as well. Brown recalls that 10 people were required to service three counties during the mid-1950's. The staff currently numbers 48.

"Our staff has become much more specialized, as well," stresses Carl. "For example, we now have one member who does nothing but supervise appraisals. This involves not only keeping up on prices, but factors that have an effect on land values, such as zoning changes.

"We also have our own training program for new loan officers that takes about two years to complete. In '62 our training program amounted to about one week of formal training," Carl chuckles," and the rest of it was over a cup of coffee a couple of times a week."

Of course, the increase in Farm Credit's numbers is simply a reflection of agriculture's direction during the past few decades.

"You look at some of the farms we had mortgages on that sold for $25,000, and today they're worth well over $100,000. When I started here, there were very few farms priced over $50,000," Carl remembers.

Carl Brown confers with local Production Credit Board president Jay Rohrer. Brown stresses that farm visitation will always be an important part of the loan officer's duties.

"I think that borrowers are as conservative now as they've been at any time during the last 25 years."

And riding along with the inflationary trend in costs has been the size of today's operations.

"Back in 1962, the biggest layer houses held about 12,000 birds, and Amish houses were running about 5,000 to 6,000," Brown points out. "It was at that time that the broiler industry really took off, with environmentally controlled housing and capacities of about 30,000 birds. As a matter of fact, the first financing agreements for those houses were made right here."

The lender can also recall when hog farming was little more than a backyard operation, with half-a-dozen sows weaning five pigs. But eventhough the trend toward larger, more efficient "food factories" continues, Brown points out that most of what are referred to as corporate farms are really nothing more than expanded family enterprises. Thus the great American ideal of the family farm is perpetuated, simply with more hands on deck.

And in dealing with these larger family units, Carl points out that much of the basic philosophy of lending is as applicable today as it was in decades past, when a young farmer named Carl Brown cracked a rib on a horse-drawn plow handle.

"Even if a man wants to build a $1.5 million hog setup, we still have to look at the same lending criteria today, as we did back then. What kind of individual are you dealing with, what does he want to do with the money, and is he going to make enough money to pay it back?"

And one more characteristic of agriculture that hasn't changed, according to Brown, is the farmer's attitude toward borrowing.

"I think borrowers are as conservative now as they've been at any time in the last 25 years. The high interest rates of a few years ago have really reinforced this thinking. Nobody dreamed that rates would hit 18 to 20 percent, but they did.

"If you're making payments on a (variable interest) note at 12 percent, and all of a sudden you receive notice that your interest is jumping to 18 percent, any reserve you may have had dries up pretty fast. That's the kind of possibility that keeps farmers conservative."

And Brown's faith in the farmer's ability to manage money remains staunch.

"Basically people are honest," Carl emphasizes, "but circumstances make the difference. If the market goes off $1.50 a hundred on milk tomorrow, for instance, there's going to be a lot of dairy farmers with "bad paper", so to speak. It's not that you're not going to get your money, but you can't collect it at that time.

"Lending's overall philosophy hasn't changed much."

"Percentage-wise, the number of bad loans hasn't changed much. We're still running roughly the same percentage of bad paper that we had with half-a-million in loans outstanding."

And Brown points with pride to the fact that many of Farm Credit's customers have remained with the lending institution down through the years.

"I'd say we're dealing with about 75 percent of the same people we had back in 1967. But now these same farmers may be operating more farms, supporting more family members and borrowing two or three-times as much money."

And he expects the family farm to remain a Lancaster County institution for many years to come, although the loss of land through development will continue to erode tillable acreage.

Other themes that Carl expects to continue are a steady increase in interest rates, and an increase in the range and frequency of changes in those rates.

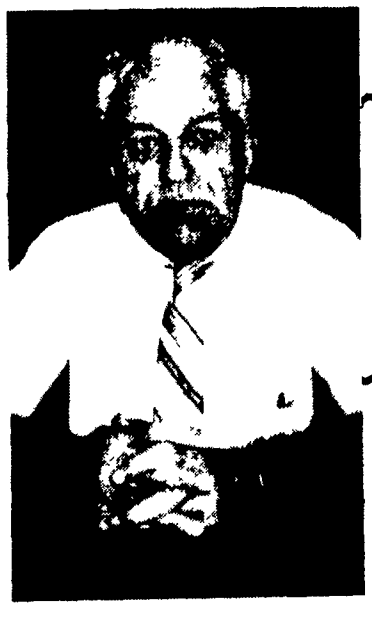
"There was a time when we could look ahead two years and predict rates with a good deal of accuracy," Carl recalls, "but those days are gone."

Factors contributing to instability in the marketplace, according to Brown, include the increased dependency on international trade, and now, the upsurge of devastating livestock diseases such as avian influenza and pseudorabies.

"Before we had the concentrations of livestock that we have today, we didn't have the disease problems. And this certainly increases our risk, along with the farmer's."

The manifestation of many factors influencing farming today is a dynamic agricultural economy that is sure to keep Carl's successor, Scott Owens, from falling asleep on the job.

"And then," Carl smiles, "just when you think you've got everything else figured out, along comes the weather."



"Basically, people are honest."

No-till drill is very versatile

NEWARK, Del. — "I doubt if there's any farmer who hasn't been exposed to a crop of no-till corn or soybeans by now. Today just about every grain producer in this part of the country has some production in no-till," says University of Delaware extension county agent Dean Belt.

Although he still gets comments and questions about the appearance of a no-till crop, the poor stands during cold wet springs, certain weed problems, and compaction, Belt says most producers agree the system has some definite advantages.

"Moisture conservation is one no-till benefit that's obvious in a droughty year," the agent says. "But with so many farmers no-tilling for that reason, some folks may have forgotten its other benefits – the time-saving, energy-saving and, especially, the soil-saving advantages of this practice. Soil erosion has been greatly reduced in Delaware since switch-over to no-till."

Now a new piece of equipment has come along to help growers – the no-till drill. Although this machine is still far from perfect, the agent says it has been greatly improved from earlier prototypes -- enough to consider using it for narrow row crops.

There are many new drills available, and some machinery dealers will rent them out, Belt says. "Renting is an ideal way to try out the practice before making a commitment to buy. Some farmers who already own drills may also be willing to rent them, or do custom work for you." And both the New Castle County and Kent County conservation districts have no-till drills which are available on a rental basis. Such opportunities should make it very easy for any interested producer to try the no-till drill production system.

There are many ways to use this equipment. Some growers use it to establish cover crops in corn and soybean stubble in preparation for no-till corn. Belt considers this practice a great time-saver because it is possible to establish a cover crop immediately after harvest without any ground preparation.

"You won't even have to chop the stalks," he says. "In fact, it's recommended that you don't chop stalks prior to using a no-till drill. However, try to spread your stalks at harvest, if possible."

More farmers are also using no-till drills to establish double-crop and full-season no-till beans. Again, the practice saves time and moisture, and leaves more crop residue on the surface. "This mulch is critical in preventing soil erosion in soybeans," Belt says. "And most farmers are aware of how vulnerable conventionally tilled soybeans are to soil erosion on critical slopes."

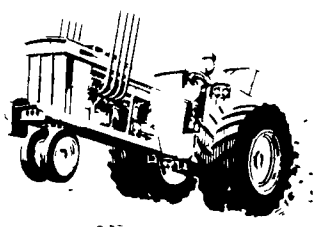
For those who grow wheat and barley, the no-till drill can fit in nicely. University of Delaware extension agronomist Frank Webb has done some in-depth work on establishing small grains with a no-till drill and has demonstrated its effectiveness. Again, says Belt, the system offers obvious savings in time and energy by reducing trips over the field.

Even when they're no-tilling, some farmers like to plow their ground in the fall for wheat and barley, so that all their soil gets tilled every three or four years. "This is an excellent idea," says Belt, "if you're rotating a third or fourth of your farm to small grains every year. It's much better practice than planting soybeans into plowed ground. The winter grains will protect the soil over winter, and when they're harvested the next spring you can use a drill to no-till soybeans into the stubble. This way the soil will be protected from erosion at all times."

Most forages can be planted with a no-till drill, too. Alfalfa does well, provided it goes in under suitable soil conditions and crop residue. So do sorghum-soybean combinations. In this case, plant the sorghum and soybeans as usual, but harvest them before the sorghum goes to head and then drill soybeans into the stubble for a second crop.

"I'm sure you will find other uses for the drill," Belt adds. "Those of us in the Cooperative Extension Service are willing to work with producers in any way we can if you need us. The drills are now available but, as with no-till corn, don't expect more than the system or the equipment can produce. Good planning and preparation are essential before planting any no-till crop. You must know what you're doing. Any mistakes you make are likely to be costly to correct. The no-till drill is something you should try first on a few acres."

Tractor Pull Tally



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Diehl Wilson, Winchester, VA., 1984 Ford, FP/275.10; Howard Lewis, New Carrollton, MD., Chev., FP/275.9; Ed Hanslovan, Morrisdale, PA., 1980 Chev., 297.1.

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Robert Wittenbraden, Lake Ariel, PA, Allison, FP; Bill Haines, Rising Sun, MD, 427 Chev., 291.1; Vernon Kourney, Fallston, MD, Packard, 288.2.

62 FWD Open

Howard Lewis, New Carrollton, MD, Chev., FP/FP; Mark Hardisty, Easton, MD, 1975 GMC, FP/296.0; Dan Fellenbaum, Lititz, PA, 1969 Chev., FP/281.10.

9 Open

Earle Henderson, Baldwin, MD, Packard, FP/296.1; Bob Brown, Hanover, PA, Detroit, FP/230.11; Richard Zimmerman, Mt. Joy, PA, 3-440 Dodge, 284.9.

Egg Board to be reappointed

WASHINGTON — The U.S. Department of Agriculture and the American Egg Board will reapportion membership on the board effective with the 1985-86 two-year appointments, a USDA official said today.

H. Connor Kennett, an official with USDA's Agricultural Marketing Service, said when USDA and the board reviewed egg production over the past three years, they found it had gradually declined in the South Atlantic and South Central areas while increasing in the East North Central and Western areas.

As a result, Kennett said, because representation is determined by the percentrage of U.S. egg production in each of six geographic areas, USDA and the board will make these changes:

- Area 2 (South Atlantic) and Area 5 (South Central) will each decrease from four to three members.
- Area 3 (East North Central) will increase from two to three; and
- Area 6 (Western) will increase from three to four members.

Area 1 (North Atlantic) will remain at three members and Area 4 (West North Central) will remain at two, he said.

The 18-member board administers the producer-sponsored national research and promotion program designed to strengthen the egg industry's position program authorized by the egg research and promotion order, which prescribes periodic reviews of production by geographic area to assure that representation is fair and equitable.

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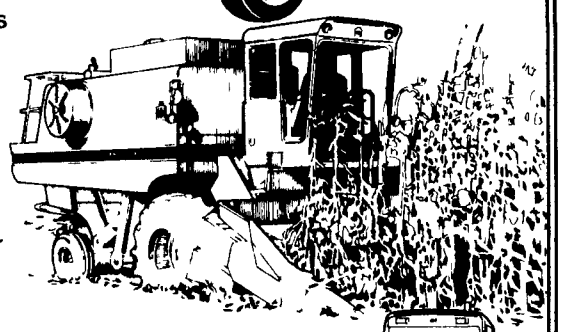

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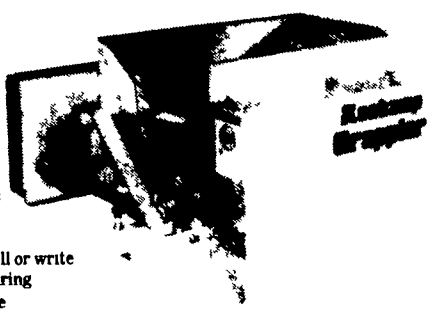

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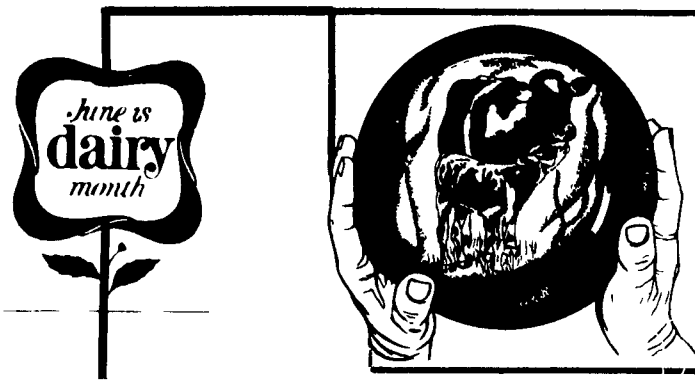


DAIRY'S FUTURE

Whatever it holds, it's in your hands

The attitude of farmers, Angie Koontz believes, is changing for the better.

(Continued from Page A1)

had with the milk diversion program is that there were so many unanswered questions," he said. "Even the bottom line, the Secretary of Agriculture can change it at any time."

Signing up for the program would also have hurt the Koontz merchandising potential. Raising a herd of 100 purebred Jerseys, the Koontz supplement their income through merchandising. They currently sell cattle at about a half dozen breed sales a year.

"We couldn't have done that on the diversion program," Don said, adding that any merchandising operation would have suffered through the program.

As an example of this, Don talked of a breeder who merchandises cattle. The dairyman signed up for the program and has since found himself alienated for the length of the program.

Don also remarked on the program's effectiveness, questioning the fact that many farmers who signed up plan to return to their normal production after the 15-month period.

"Everybody you talk to sounds like their goal is getting back to where they were," he said. "You can't blame anyone for it, but it makes you wonder about the program."

Getting Started

The effectiveness of the milk diversion program is not the only thing the Koontz family is wondering about. They are also wondering about their future in the dairy industry.

When Don and Angie dipped their hands into dairying, they had no second thoughts about their farming career. They began by farming in partnership with a Bedford County man who was a professor at Wayne State University in Michigan.

"He gave us everything to manage, the books and all," Angie said. "It really taught us a lot. It taught us what we can do and what kind of debts we can manage."

With the professor/partner out of state, Angie and Don got the full-scale of farm responsibilities. This was to their advantage.

"I think that's a mistake of a lot of parent-son relationships," Angie said. "The fathers don't give them the book end and the sons want to do all these things, and they don't see what it costs."

Getting two aspects of farming - the economics and the management - Don and Angie found themselves ready to venture out on their own. They bought the Bedford County herd of 90 Jerseys, young stock included, and moved to Mercer County where another dairy operation was waiting for them

Signing an agreement with Larry Unan, the farm's owner, Don and Angie took over the dairy on a lease/purchase basis with a seven-year option to buy. That was in August, 1979. They bought the farm in May, 1983.

"Our thinking was to take the debts in step," Angie said.

"Our mortgage payment would be about the same as our rent," Don added, "and it looked like interest rates might start climbing. They had dropped at that point as much as they would."

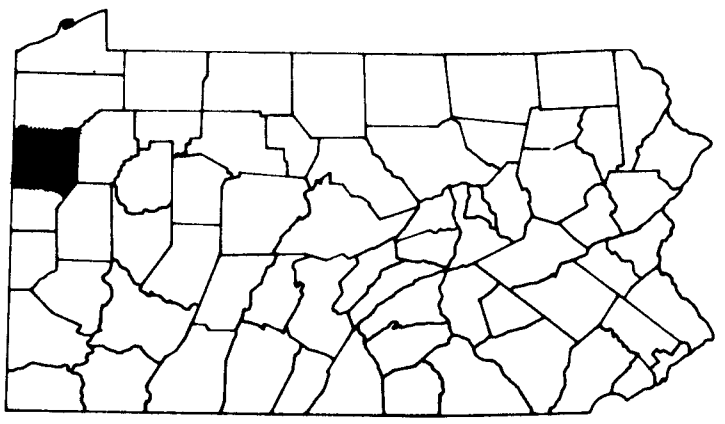
Not wanting to borrow money other than for cattle and milking equipment, the Koontz decided not to expand their farm from the current 64 acres. Under the agreement with Larry Unan, feed was supplied and hay was purchased at local auctions. This system had worked as well and Don and Angie saw no need for change.

Not owning any machinery, except for one tractor, all field work on the Koontz farm is done through custom work. Buying machinery would not justify the costs.

"We only have 64 acres," Don said, "so that wouldn't justify buying machinery. We would have to farm more acres and then get more help."

And farming additional acres would take time away from what the Koontz family enjoys most - working with cattle.

Don Koontz is a firm believer of producing and selling a quality dairy product.



Cattle Goals

"What we wanted to do was concentrate on what he (Don) was good at and what I was good at," Angie said, "and that was the cattle."

Concentrating on the cattle is the philosophy that Don and Angie work into their operation. And as Don admitted, he doesn't care much for working in the fields, anyways.

"I think that's the main problem with a lot of people," he said. "They try to do too much even if they're not good at it. Life's too short to spend it on something you don't like."

So the Koontz family spends its time working with the cows. This includes paying close attention to cow comfort, nutrition and health. It also includes increasing herd production and type.

When Don and Angie started farming five years ago, their herd average stood at 9,000 pounds of milk. They didn't have the best cows, Angie explained, as they were buying cattle for a combined production and type background.

"They weren't very pretty," Angie said of one herd of Jerseys they bought, "but you can always breed type into them much easier than production."

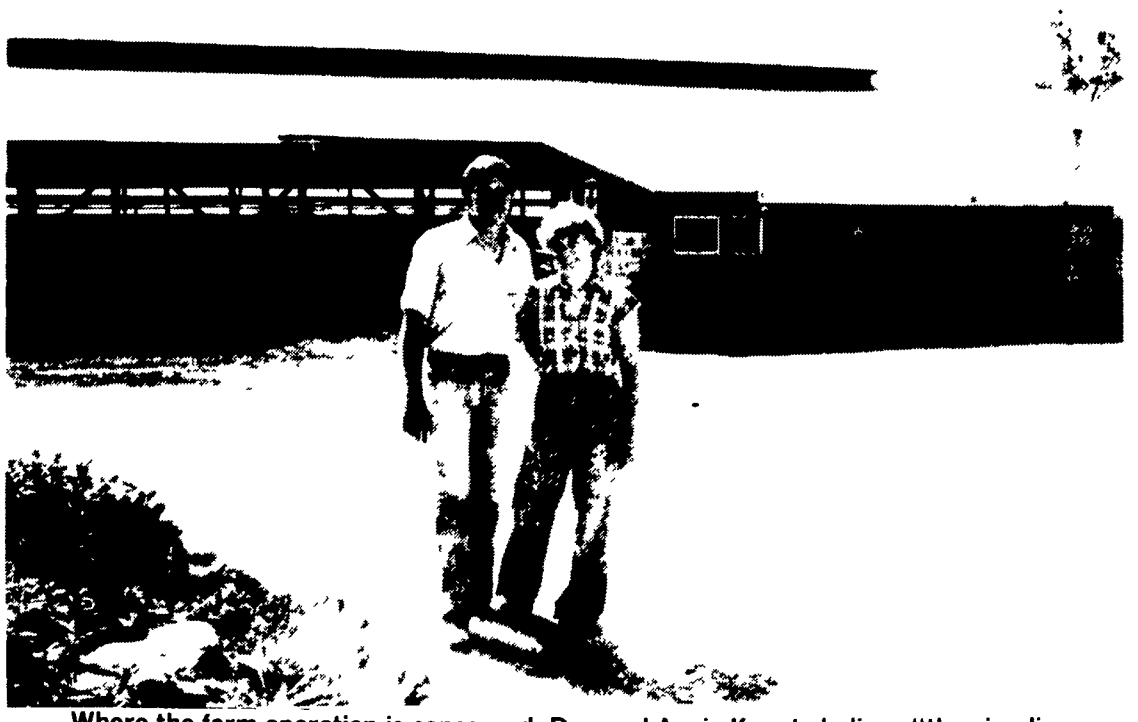
Don echoed Angie's opinion, saying, "You can breed type while you're getting a milk check."

With a herd average currently at 12,600 pounds of milk and goals to increase that to 14,000 pounds, the young couple can now breed for production and cull for type. This, as well as emphasizing the management details of their operation, should help them reach their production goal within the coming year.

"We feel that its very possible (to reach that goal)," Angie said, "if we get our act together for awhile."

Getting their act together involves serious decision making within the next couple of years, the couple confided. And careful decision-making is a management tool most farm families are learning to give more attention.

(Turn to Page A35)



Where the farm operation is concerned, Don and Angie Koontz believe "the simplier, the better."

Frederick Hughes retires from Penn State

UNIVERSITY PARK — Frederick A. Hughes will retire June 30 as professor emeritus of farm management extension after 30 years of service to The Penn State University. In addition to his duties as senior Extension farm management specialist, he has served for the last 10 years as coordinator for Extension programs in agriculture. He represented the College of Agriculture for four years as a member of the University's Faculty Senate.

During his service to the University, Hughes has organized and promoted a number of useful programs in agriculture. He worked with the Pennsylvania Farmers' Association in setting up its farm-business analyses program in farm management, including early innovations to permit computerization.

Hughes worked with the agronomy and dairy Extension sections of the College of Agriculture in organizing the Unit Demonstration Farm program in cooperation with the Tennessee Valley Authority. Currently there are 21 such demonstration farms in Pennsylvania. The farms are used to provide a setting in which other farmers may learn how to increase productivity, improve management and financial decision-making skills, and increase income.

When Penn State set out to organize its Bahamas Agricultural Research, Training, and Development Project, Hughes served as senior economist. This project was in cooperation with the US Agency for International Development, and its accomplishments include establishment of a 500-acre research farm, completion of more than 50 research projects, training of counterpart personnel, and

Fred Hughes

establishment of 16 pilot test farms operated by Bahamians on Andros Island.

In the late 1960s, Hughes served with others as prime movers in setting up a state-wide series of meetings to explore the topic "Who will control US agriculture?" These meetings made it possible for nearly 5000 Pennsylvanians — farmers, educators, legislators, agribusiness leaders, and ordinary citizens — to examine the structure of the nation's agriculture in detail.

Recognizing the increasing complexity of the legal aspects of farming, Hughes established working relationships with the Rural Lawyers' committee of the Pennsylvania Bar Association and with the Pennsylvania Bar Institute in developing and conducting educational programs for attorneys, other professionals, and farm families on estate planning, partnerships, farm transfers, and related legal aspects of rural living. Similarly, he worked with the Pennsylvania Bankers' Association, the Farm Credit Association, and the Farmers' Home Administration in programs to improve credit services to farmers.

His name appears as author or co-author on a number of the major Penn State publications in the farm management field, and he has written magazine articles for the farm press and contributions for journals published by societies of farm management scholars.

In 1969, the Pennsylvania Dairymen's Association presented Mr. Hughes with its annual Extension Award, citing "valuable and noteworthy contributions to the Pennsylvania Dairy industry."

A native of Ebensburg, Hughes earned a BS degree in agricultural education and a MS degree in agricultural economics from Penn State. He served nearly 3 years with the US Army, with assignments to its Cavalry, Army Air Corps, and Service Forces. After graduation from Penn State he managed the 300-acre dairy farm operated by Westtown School in Chester County for nearly 3 years, and then worked as farm management specialist with the Ohio State University Extension Service.

Hughes is married to the former Irene Louise Gochnour of Martinsburg; they have one daughter and three sons. Hughes holds memberships in the northeastern and national associations of American Farm Managers and Rural Appraisers, the American Agricultural Law Association, Pennsylvania Grassland Council, Pennsylvania Plant Food Society, and the Penn State Extension Professors' Association. His honorary and social fraternity memberships include Delta Theta Sigma, Alpha Tau Alpha, Epsilon Sigma Phi, and Gamma Sigma Delta.

Goodwin retires at Penn State

UNIVERSITY PARK — Dr. Kenneth Goodwin, professor and head of the Department of Poultry Science at Penn State, retired June 30, with emeritus status.

Dr. Goodwin has been head of the Poultry Science Department since 1966. Under his direction, the department has provided programs in resident education, research and Extension that are designed to meet the needs of a rapidly changing agricultural technology.

For his many years of conservation work and outstanding contributions to the wildlife cause, Dr. Goodwin was awarded the Pennsylvania Game Commission's Senior Wildlife Conservation Award on March 6, 1984.

"It is only on rare occasions that we feel we are justified in presenting this award, and this is a special moment in the Game Commission's history," said Eugene Nelson, assistant chief of game management, Pennsylvania Game Commission, in presenting the award.

When Dr. Goodwin began serving in his present position 17 years ago, the Game Birds Industry was rather small and just beginning to expand when he guided and encouraged his three divisions, the Farm, Resident Research Department, and

Kenneth Goodwin

Poultry Extension, to cooperate and assist not only the Pennsylvania Game Commission but the Commercial Game Bird Industry with our many and varied complex problems.

A native of Ossining, N.Y., he earned a bachelor of science degree in agriculture, master of science degree in animal genetics and histology and a Ph. D. in animal genetics from Cornell University.

Before coming to Penn State, he was a geneticist at Kimber Farms, Inc., in Fremont, California, and at Heisdof and Nelson Farms in Redmond, Washington. In 1975, he was a Food and Agriculture Organization consultant in Bangalone, India.

Dr. Goodwin served as Director of the Poultry Science Association, associate editor of the Poultry Science journal, a member of the Industry Relations Board and a member of the Board of Directors of the World's Poultry Science Association.

He is a fellow of the American Association for the Advancement of Science; a member of the American Genetic Association; the Genetics Society of America; the American Institute of Biological Science; Sigma Xi, honorary research society; Gamma Sigma Delta honorary agricultural fraternity and Epsilon Sigma Phi honorary Extension fraternity.

Corn Club sets deadline

UNIVERSITY PARK — Corn producers wishing to enter the Five-Acre Corn Club, sponsored by the Penn State Cooperative Extension Service and the Pennsylvania Master Corn Growers Association, should notify County Extension Offices no later than July 1.

Any farmer or farm operator who is 18 years of age or older by August 1, 1984, is eligible to enroll. There is no charge for entering the Corn Club. However, farmers are encouraged to become members of the Pennsylvania Master Corn Growers Association. Only one entry is allowed per farmer or farm operator, even if more than one farm is involved.

The field must be five acres or more and a complete Penn State soil test must have been taken within the last two years. If the corn is grown in contour strips, two or three strips on the same slope may be used as long as the combined acreage is five acres or more. The five acres must be planted to one variety of corn. A cost of production budget will be required for 1984 Club members.

There are two categories, a three or more acre harvest sample and a small plot harvest sample. Within each category there is an ear corn harvested class, a shelled grain harvest class and the new irrigated class. In addition, awards will be made for the highest three year average yield in each harvested class.

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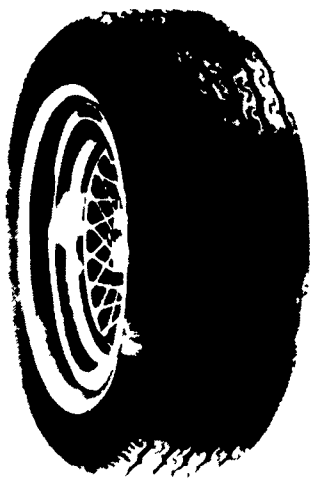

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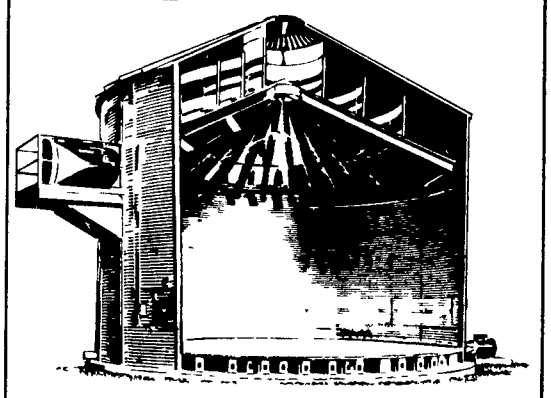

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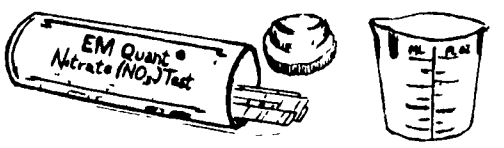

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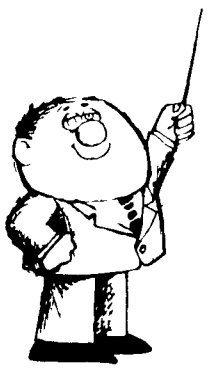

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State dairy industry in hands of legislature

(Editor's Note: The following was released by the Pennsylvania Association of Milk Dealers).

HARRISBURG — The future direction of Pennsylvania's billion dollar dairy industry may be determined this year by the state legislature as it analyzes the operations of the Milk Marketing Board under what is known as a Sunset Review.

In 1981, the General Assembly passed a law which requires that it take a look at most state agencies, boards, commissions, etc., every 10 years to see whether they should be maintained, changed or completely eliminated. The Milk Marketing Board is "up at bat" in 1984.

The Senate Committee of Agriculture and Rural Affairs received the initial responsibility of proposing recommendations on the future of this agency, which has the responsibility of monitoring and maintaining the economic stability of Pennsylvania's largest agricultural industry. It held a hearing on May 23 in Harrisburg where seven out of 23 interested witnesses were heard — the remaining field statements with the committee.

A report is expected in the near future which then will be sent to the entire legislature for its approval. Under the law, some action is required — maintain, change or eliminate — before the end of this year's session which must close November 30. If nothing is done, the Milk Marketing Board, under the Sunset Law, should automically be terminated.

The present Milk Marketing Law (originally known as the Milk Control Law) was passed in 1937 as a permanent statute following temporary laws which were first enacted in 1934. The Keystone State was one of many which took such action due to the questionable quality of milk during the Depression days which threatened the health of the people.

Under this law, the Milk Marketing Board composed of three members sets the minimum prices which milk dealers or processors must pay farmers and minimums to be paid by stores, restaurants, schools and consumers. The Board staff also audits books of the dealers, checks the integrity of dealer milk samples, etc.

Dealers must post a bond or pay into a Milk Producer's Security Fund to protect farmers in case of dealer bankruptcies. Currently, dealers have filed over $50 million in bonds or other security with the state and there is over $1 million in the Security Fund. There have been some problems with this latter arrangement but new legislation is near passage in the General Assembly to provide more funding. In all, it costs dealers over $1 million a year for this farmer protection, according to Earl Fink, spokesman for the Harrisburg-based Pennsylvania Association of Milk Dealers.

Over the years, since the passage of the law, the dairy industry in the Commonwealth has continued to grow and has an annual output of nearly five billion quarts a year. While the state is only 33rd in size among the 50, it continues to be the fifth largest milk producer. The approximately 15,000 commercial dairy farmers sell more than $1.5 billion worth of milk to the state's processors of milk, ice cream, cheese and other dairy products. More than 40 cents out of every dollar received by Pennsylvania farmers comes from milk.

At this stage it appears the General Assembly may be looking favorably on the continuation of the Milk Marketing Law, Fink said. With the recent Avian Flu disaster in the poultry industry, there is deep concern for agriculture in the state.

The only questions asked deal with the setting of prices paid by consumers, continued the dealer representative, on the basis that a so-called "free market" would mean lower prices.

"This is a fallacy and milk price figures show the Pennsylvania consumer is paying well below the national average," Fink said. "In a survey of prices in 34 U.S. cities the average price for a gallon of homogenized milk was $2 last month. The Milk Marketing minimums in most areas of the state are below this. In Philadelphia, for example, the price is $1.89 and dealers pay farmers more than in most of the nation."

Some reports to the General Assembly were that only four states set prices and this is wrong, said the dealer spokesman. Several states in recent years did eliminate this system and prices temporarily went down as price wars broke out. After a number of dealers were forced out of business, the price "for some reason" then went above the national average. This happened in California and Mississippi. Where the state sets minimums, usually on a low level, there is little tendency to go above this.

"Profits in the milk industry are extremely low," Fink added. "The last report from the Milk Marketing Board showed a return of less than 1½ cents on the sales dollar before taxes. Few industries operate at this level since it does not provide adequate income for modernization and purchase of new equipment. The farmer gets at least 52 cents out of every dollar paid for milk by consumers. How many other foods and beverages do this well?"

There is concern by dealers, as well as farmers shipping to them, that some action on consumer pricing might be taken by the legislature. Dealer closings, due to inadequate profits, already are high. Some 11,000 state dairy employees with a weekly payroll of over $3 million, also are watching to see whether their jobs, like so many in recent years, may be eliminated.

The General Assembly, starting with the State Senate, has the responsibility.

Milk diversion payments top $136 million

WASHINGTON, D.C. — The U.S. Department of Agriculture reports milk diversion checks for the January - March 1984 quarter that were paid, cashed and processed through mid-June totaled just over $136 million. This is about 73 percent of the payments USDA expects to make for the first 3 months of the 15-month program.

USDA projects that dairy price support purchases by the Commodity Credit Corporation will be 10.9 billion pounds, milk equivalent, for this marketing year, a decline from the 16.6 billion pounds last year. The cost of purchasing the 10.9 billion pounds this year will exceed $1.5 billion.

The Dairy and Tobacco Adjustment Act of 1983 authorizes price support reductions of 50 cents per hundredweight on April 1 and July 1, 1985 next year if CCC purchases for the following 12 months will exceed 6 billion and 5 billion pounds, respectively.

Deductions from producers for milk marketings beginning Dec. 1, 1983, totaled about $277 million through mid-June. At this time deductions exceed payments, but USDA estimates that over the life of the program deductions and payments will be nearly equal. Thus, the $10 per hundredweight diversion payments are funded almost entirely from 50-cent deductions from the industry.

USDA said milk production gains have ceased following almost 5 years of monthly gains over year-earlier levels. Production on a daily average basis for January through May was down about 1.9 percent from a year earlier.

In addition to the diversion program, other factors contributing to the decline include higher feed costs, an imprqving economy which provides additional non-dairy alternatives and expected lower milk support prices in the future.

A state-by-state table of diversion payments follows:

Alabama - 1,091; Arizona - 1,298; Arkansas - 1,762; California - 11,224; Colorado - 1,622; Connecticut - 555; Delaware - 93; Florida - 5,828; Georgia - 3,025; Idaho - 3,093; Illinois - 3,070; Indiana - 2,298; Iowa - 4,964; Kansas - 3,008; Kentucky - 3,694; Louisiana - 2,156; Maine - 385; Maryland - 967; Massachusetts - 509; Michigan - 3,969; Minnesota - 11,572; Mississippi - 1,969; Missouri - 5,697; Montana - 226; Nebraska - 2,454; Nevada - 303; New Hampshire - 250; New Jersey - 365; New Mexico - 461; New York - 5,846; North Carolina - 1,288; North Dakota - 955; Ohio - 3,543; Oklahoma - 2,216; Oregon - 1,211; Pennsylvania - 3,947; Rhode Island - 27; South Carolina - 604; South Dakota - 2,681; Tennessee - 3,532; Texas; 7,137; Utah - 1, 583; Vermont - 1,539; Virginia - 2,042; Washington - 2,363; West Virginia - 384; Wisconsin - 16,924; Wyoming - 270; Total - 136,018 1/

1/ May not add due to rounding

Sire Power Sale July 26

TUNKHANNOCK — The 1984 Sire Power Consignment Sale, set for July 26 at the Kutztown Fairgrounds beginning at 11 a.m., promises to be another outstanding and successful sale.

The Sire Power Sale is known for the quality of animals that have been sold and gone on to do an outstanding job in the buyer's herd. Outstanding daughters of elite sires Chairman, Jet Stream, Spirit, Elevation and Kingpin will sell. Also selling are daughters of Jemini, Standard, Lone Ranger, Saul and Stewart, among others.

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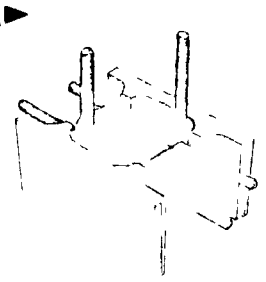

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NEDCO sells bonds for $6.2 million

SYRACUSE, N.Y. — Low-interest industrial revenue bonds for sale by the Northeast Dairy Cooperative Federation (NEDCO) to finance the purchase of the Glen & Mohawk fluid bottling plant in Fultonville, N.Y., have been sold for $6.2 million to Merrill Lynch, according to NEDCO President Edward McNamara.

NEDCO, which has been negotiating for a suitable buyer for the bonds will now save well over $100,000 a year in much lower interest rates, he said.

The sale has been financed via high-interest interim financing supplied by Irving Trust Company of New York.

NEDCO was issued the bonds by the Fulton Montgomery County Industrial Revenue Agency, which approves this concept of low-interest financing for area firms if they qualify.

McNamara pointed out that the purchase of the Fultonville milk bottling facility in June 1983 has been a good investment for NEDCO.

Although intense competition has temporarily lowered the plant's profits, we do see a turnaround possibly as early as this fall, which should considerably improve the profitability at Fultonville, he said.

According to McNamara, the plant is presently processing over 250 million pounds of milk a year, serving 38 counties and over 300 customers packaged milk in the upstate region. The facility also employs nearly 200 workers.

He added that fluid and product sales under the NEDCO label have increased greatly in upstate New York. "We are finding an ever-increasing acceptance of the high-quality product we affix the NEDCO name to," he said. "Sales increases in NEDCO fluid milk, cottage cheese and sour cream are proof of this quality."

"Our dairy farmers can be proud of the excellent product they are shipping into Fultonville as well as Fraser, N.Y., and Middlebury Center, Pa., manufacturing plants. It takes high quality milk to produce a high quality product," he said.

Pa. Holstein members honored

ST. LOUIS, Mo. — Pennsylvanians from Cumberland, Blair and Perry Counties were recognized during activities of the National Holstein Convention held in St. Louis, Mo., last week.

Cumberland Countian John Cope, manager of Ashcombe Dairy Farms, was officially named Pennsylvania's new national director to the Holstein Association. A former Pa. Holstein Association president, Cope replaces Don Seipt, Easton, who completed his fourth term.

Named a National Distinguished Junior Member was 19-year-old John Burket, is currently president of the Pa. Junior Holstein Association. He is a Penn State junior majoring in dairy production.

Also honored was the Pa. Holstein Association Dairy Bowl Team, comprised of junior members from Perry County. Team members Daniel and Joseph Albright, Irene Benner and Kimberly Kreibel placed second in the National Dairy Bowl Contest. The team was coached by Jane and Ken Benner.

Dairy workshop July 14

HARRINGTON, N.J. — The Delaware Holstein Association in conjunction with the Delaware Cooperative Extension Service is again sponsoring a workshop for dairy farmers and their families. The event will take place on Saturday, July 14, from 10 a.m. to 8 p.m. at the Charles and Charmayne Busker Farm, on Route 14 west of Harrington.

The workshop will cover the evaluation of calves, heifers and cows for best dairy character, mammary system, body capacity, feet and legs and other physical characteristics having a direct relationship to longevity and producing ability. There will also be training in preparing animals for judging and show competitions.

With the Delaware State Fair due to open shortly afterwards, this preparation should be timely, says University of Delaware extension dairy specialist Dr. George Haenlein. He also feels producers could benefit by improving their skills in evaluating individual animals.

"The success of a dairy farmer is greatly influenced by the strength and longevity of his cattle," Haenlein says. "Whether the cows in a herd last an average five, six or eight years translates quickly into overhead costs involved in raising calves to fill in for cows that must be replaced. Selecting those replacement calves is another crucial economic decision. Which ones will be worth two years of care with no production returns? The farmer must base such decisions on experience and knowledge of the strengths and weaknesses of his different calves."

The skills to do this are gained through years of working with cattle, training in schools, 4-H and FFA projects, breed association and extension programs, including workshops such as this one, the specialist says.

There is no fee to participate, but bring a bag lunch. Also bring a covered dish if you plan to stay for supper. For further details, call the Buskers at 398-4764 or Haenlein at 451-1333 or 451-2523.

PFU holds summer camp

HARRISBURG — Camp Kanesatake, Spruce Creek, Huntingdon County, was the site of Pennsylvania Farmers Union Summer Camp for 1984. Five full days of camping started on Sunday, June 24, and concluded on Thursday, June 28. 58 children of PFU members attended Camp for a minimal fee.

The ages of our campers range from 8-17 - and there was something for all to do. Activities included arts and crafts, swimming, softball, volleyball, a talent night, publishing their own newsletter and much more.

Chester L. Reed, PFU's new Executive Director, who was also Camp Director, stated, "This time is an enjoyable learning experience for our youth. Along with the fun they learn the many facets of farming and that they too are an important part of our Organization."

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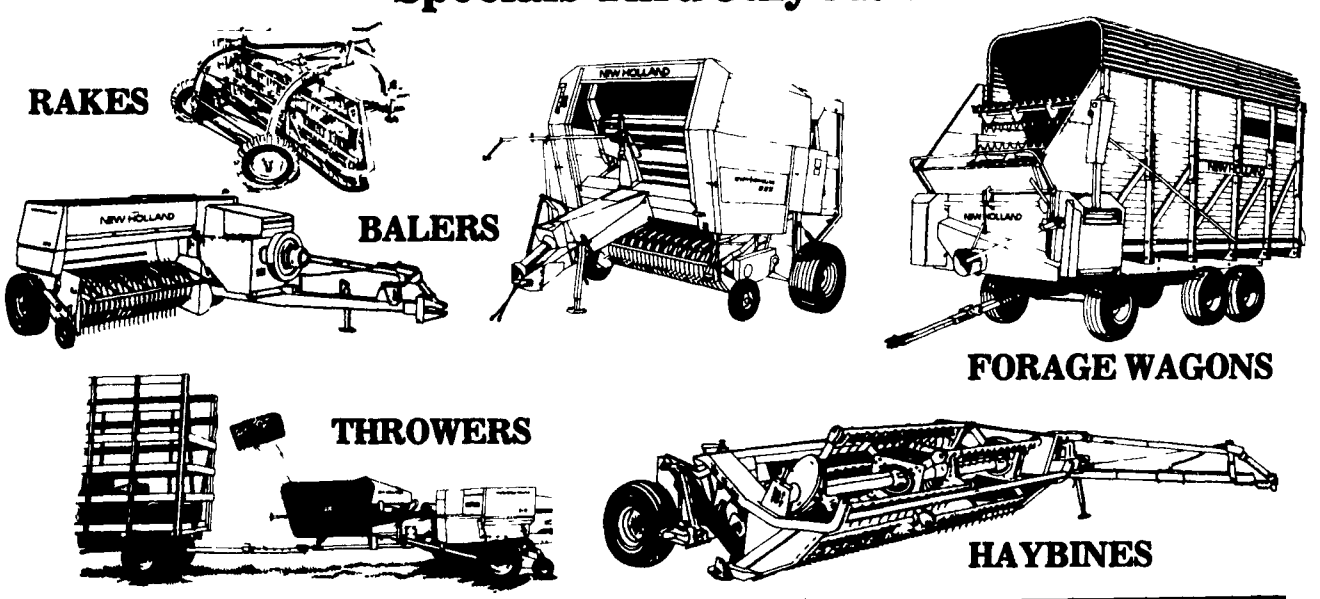

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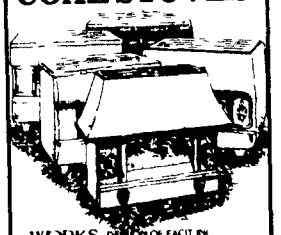

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Ogline

(Continued from Page A1)

"Approximately 80 to 85 percent of the college students enrolling in agriculture do not come from farm backgrounds," Ogline explains.

"Our new Biological Station, at which hands-on practical experience will be stressed, is designed to help fill this void."

The farming facilities at the Station will include the five breeds of dairy cattle, swine, sheep and beef. Students will live there for 10 weeks and help with the milking, other chores, keep records and plant or harvest crops depending on the season. They will get experience in para-veterinary duties, including such things as dehorning and castrating.

"One of the first phases of farming operations to be stressed will be safety," Ogline said.

"Most of these students have never been directly involved in farming and they must initially be impressed with proper safety around machinery, equipment and livestock."

Ogline explains that the course of instruction will feature a strong tie-in of the inter-relationship between proper farming practices and the environment.

"Whatever is done in farming – whether it's spreading manure or applying a pesticide – has its effect not only on the ag operation but also on the environment," Ogline explains.

"We want to stress this inter-relationship and the importance of dove-tailing farming practices with the environment."

Ogline's experience with the environmental ag program at New Holland, which was started in 1972, was instrumental in his selection for this unique college-level program. The environmental ag program at New Holland is also unique in the state.

Students for the hands-on program will be drawn from 11 different instructional disciplines at Michigan State, such as ag mechanics, economics, education, production, fish and wildlife, horticulture, etc.

The proximity of the forests and marshlands to the farmlands will be instrumental in putting together the program.

While the course will be geared to a contingent of 50 to 60 sophomores when in full operation, a pilot program involving about 20 upperclass ag students will get under way in September.

Ogline will serve on the Michigan State faculty as lead instructor for the unique program, which will combine some classroom work with the hands-on experience. Ogline will draw members from throughout the Michigan State ag faculty to work in the program.

A commercial dairy farm located at the site, which features a 128-free stall operation and all types of manure disposal and handling, will be used for demo purposes in the instructional program.

"I'm really excited about getting in on the ground floor of this unique program," Ogline said.

"Michigan State intends to make it a national instructional show place for practical experience."

Ogline also worked in production ag instruction at New Holland before the environmental ag program was started. He also served in the Rockwood School District in Somerset County, where he grew up on a dairy farm. He also worked in SCS before going on to college.

In 1981, he received his doctorate in ag education at Penn State.

He served three years in the Marines as an M.P. and was on the Campus Patrol at Penn State, working his way through school.

His minor is in agronomy.

He and his wife, Linda, will be moving from R1 Denver with thir two daughters, Melissa, 11, and Shelly, 10.

"I've taught for 20 years and have some 20 years to go,"Ogline said.

"I've really enjoyed it at New Holland and it was tough making a decision. But such a chance will only happen once."

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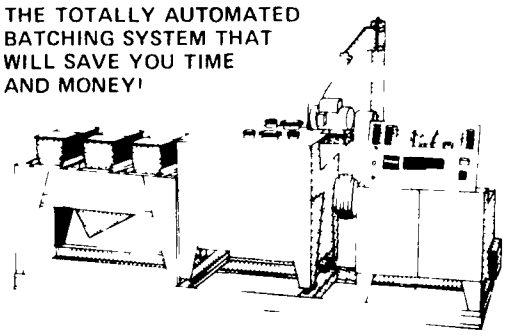

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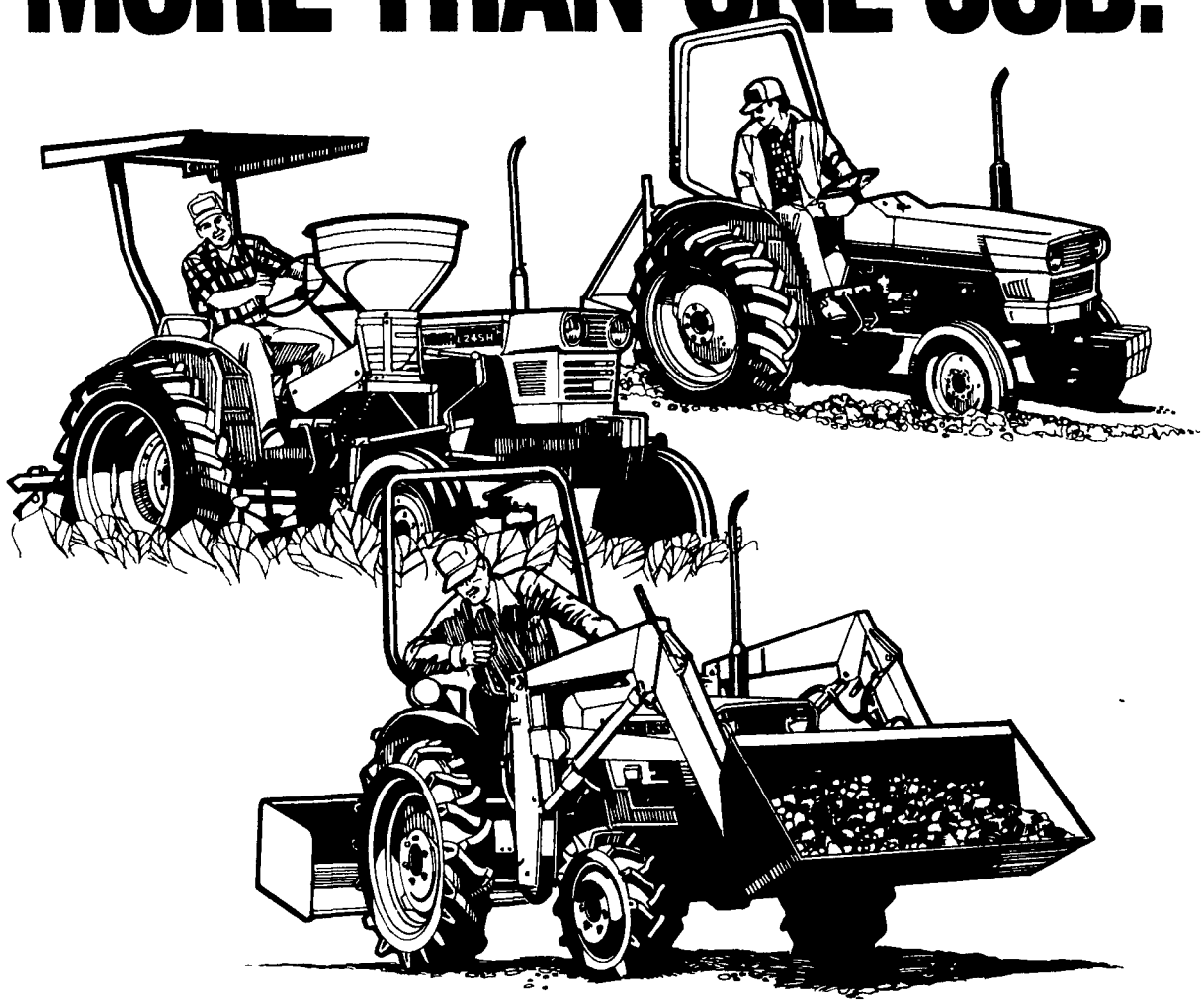

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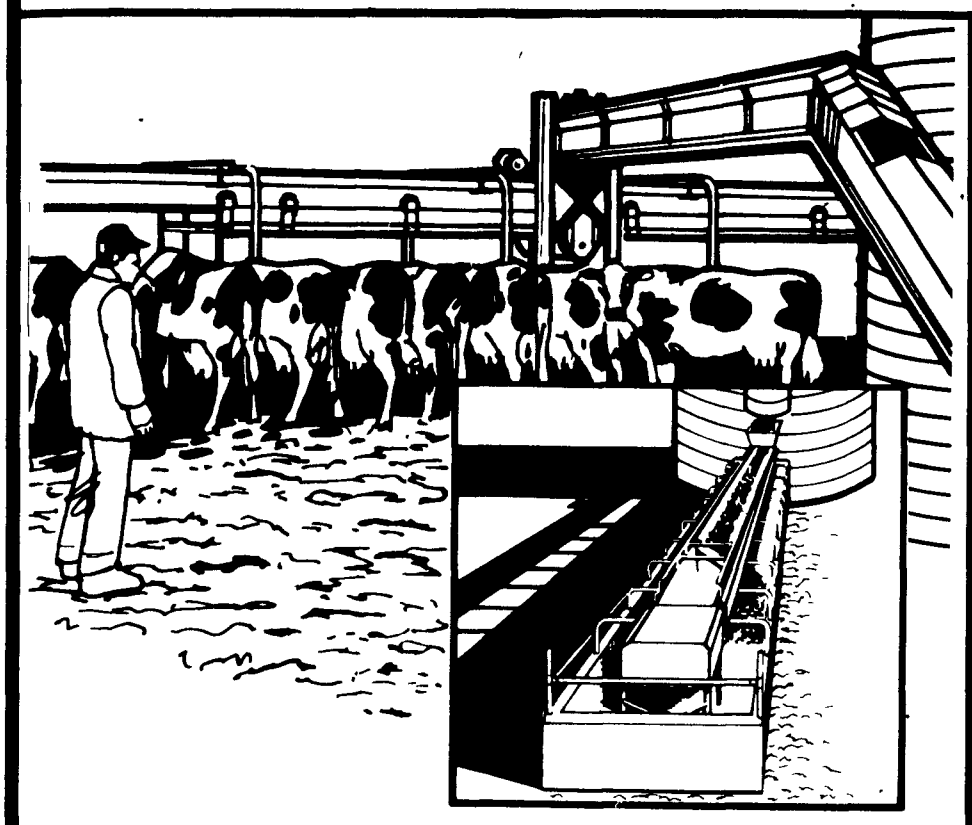

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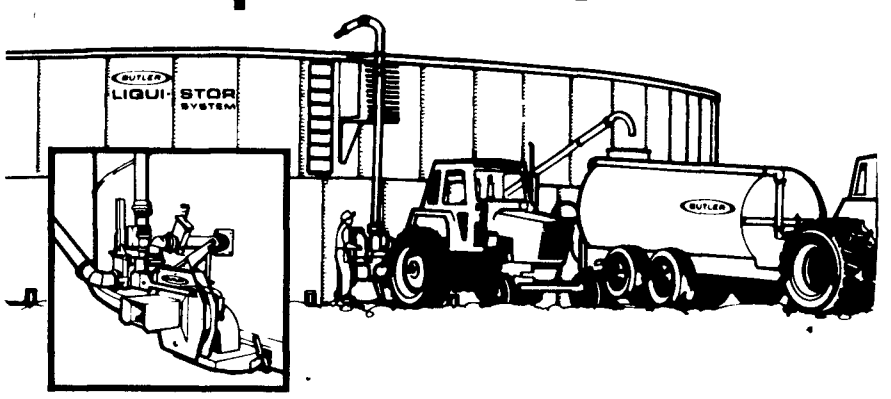

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Check weather before spraying

NEWARK, Del. — Farmers should consider weather conditions before applying fertilizers, manures and pesticides, says J. Ross Harris, University of Delaware extension specialist in environmental quality. By doing so they can help prevent land, water and air pollution.

"Knowing when heavy rainstorms are expected may help you keep valuable chemicals and manures from washing into nearby streams, or prevent nitrogen from leaching out of the root zone toward the water table, increasing pollution while robbing you of potential profits," Harris says.

Changing air temperatures can lead to another problem — unpleasant odors — especially at night. On clear, cloudness nights the earth's surface cools faster than the air layer above, he explains. This creates a temperature inversion that traps atmospheric pollutants close to the ground. These conditions generally occur in the fall.

Under inversion conditions, smoke and odors from manure applications may spread over several square miles. Once the sun warms the ground, these pollutants will dissipate, so it's best to spread manure in the morning.

Wind can be a mixed blessing. Though it disperses odors, it can create other problems. As wind speed increases above five miles an hour, drift from both aerial and ground sprayers will occur. To keep this from happening, Harris advises producers to spray early in the morning or in late evening when the wind is more likely to be calm.

Because wind also affects the spread of odors from field-applied animal wastes, it's a good idea to apply manure when the wind is not blowing toward nearby homes.

"If your animal or poultry operation is in a semi-rural area," the specialist says, "also try to avoid spreading manure on weekends or holidays during the warm months." People are often involved in outside activities then and may complain about odors. A little neighborly consideration in the timing of fertilizer applications can make life much more pleasant for everyone.

"Wise use of weather information in the daily planning of farm operations can help minimize such environmental problems, increase the potential for larger profits and maintain your respected position in the community as a farmer," Harris concludes.

Gypsy Moth parasite studied

NEWARK, Del. — The gypsy moth arrived in Delaware in 1969, a hundred years after its introduction into the United States. Since then, infestations have reached harmful levels in several parts of the state, threatening many kinds of trees. Oaks, in particular, have suffered, but the voracious larvae feed on many other species as well. Their damage is visible right now, and some trees won't survive the attack.

One reason the gypsy moth and other non-native insect pects — such as the European corn borer and Japanese beetle — are so destructive is that they have few natural enemies in this country. Most previously introduced biological control agents (insect predators and parasites) for the gypsy moth don't appear to be controlling it. As a result, authorities are forced to rely on costly chemical spray programs in order to protect trees where infestations have reached critical levels.

University of Delaware entomologist Dr. Paul P. Burbutis is a specialist in biological control of harmful insects. He and a graduate student, Steven Krause, are studying a newly introduced parasitic wasp from India for its effectiveness against the gypsy moth. The wasp kills gypsy moth larvae by laying its eggs in them. The project is being conducted under a cooperative agreement between the University of Delaware Agricultural Experiment Station and the U.S. Department of Agriculture Beneficial Insects Laboratory, which is housed on the university's Newark research farm.

According to Burbutis, there is an urgent need to understand the biology and behavior of the wasp, G. flavicoxis, so that it can be used more effectively against the gypsy moth. "Our objectives," he says, "are to determine the parasite's ability to disperse from release centers and its efficiency in controlling the gypsy moth at various population levels. We also plan to investigate the competitive relationship of this new parasite with some of the previously introduced parasites of the moth."

Preliminary tests indicate that G. flavicoxis will disperse up to 500 feet from small release containers. Parasitism of gypsy moth larvae at release centers has reached as high as 40 percent, Burbutis says. These results are encouraging enough to warrant continued investigation.

Burbutis and Krause are currently evaluating the wasp's ability to parasitize different population levels of gypsy moths. Preliminary results are encouraging. Laboratory experiments have shown that one female wasp can parasitize 75 percent of the larvae at low densities and 50 percent at high densities. Similar experiments in the field are in progress on oak and beech trees. In addition, the entomologists are studying the wasp's nutritional requirements, longevity and fecundity. Answers to these questions will be of considerable benefit in the battle against the gypsy moth.

Scheps' decision reaction

(Continued from Page A1)

"We will gladly support any feasible plan to reopen the cheese plant," Eckel said, "but we didn't feel comfortable with placing the same management group in control that was there when the firm filed bankruptcy."

Scheps, which had applied for relicensing under a proposed reorganization plan, filed Chapter 11 bankruptcy last year. The company proposed relicensing under the same management group, a move opposed by PFA.

Contrary to PFA's position, the State Grange reproached the Board's unanimous decision not to grant a license.

"With this decision, the Milk Marketing Board has attempted to throw out the only possibility the former producers for Scheps Cheese have of regaining the money owed them when the plant declared bankruptcy last year," said Charles Wismer, State Grange Master.

The Grange supports the reorganization of Scheps Cheese and has been working with the Pa. Farmers Union in representing 120 former Scheps producers throughout the bankruptcy proceedings, providing organizational backing and some financial support.

The Grange plans to support action of the Scheps attorney asking the federal bankruptcy court to issue an injunction against the Board's decision and requesting the court to reopen the plant under Chapter 11.

"Unless the Board's decision is overthrown by the federal bankruptcy court, these farmers as unsecured creditors will never see a penny of the money they lost," Wismer said in a prepared statement.

Also expressing the concern for the reopening of the Scheps plant was Secretary of Agriculture Penrose Hallowell who said that the Commonwealth would continue to place top priority on efforts to reopen the plant.

"The best interests of the public, the regional economy and the farm community can best be served by actions to return the plant to viable operation," Hallowell said. "Reopening the plant would provide needed employment in the northeast region, as well as a market for dairy farmers living in the northern tier counties."

Hallowell added, "Even if the Board had granted Scheps a license, the action would only have been a first step in a lengthy process toward allowing the company to reorganize and open the plant. The Board's denial of a license could be reconsidered in the future."

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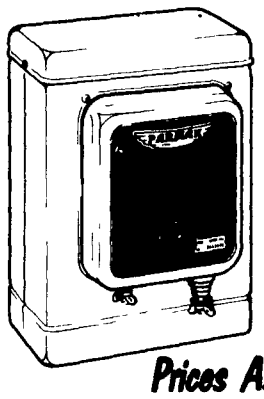

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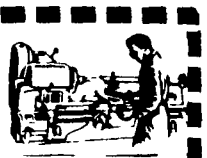

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Guernsey dispersal averages $525

LANCASTER — Ninety-four head of top quality Guernsey cattle sold for a sale average of $525.53 at the combined Middle Ground and Mattlin Complete Dispersal Sale held June 21 at the Guernsey Pavilion, Lancaster.

The 86 registered and eight grade Guernsey cattle sold for a sale total $49,400 during the dispersal sponsored by the Pa. Guernsey Breeders' Association and the Merryman Company, Sparks, Md.

The top selling cows, both at $1,400, were Middle Ground MC Misty and Crum Elbow KMC Snow Violet. Consigned by Edgar Davis Jr., Earleville, Md., Misty was purchased by L.M. Schaeffer, Queenstown, Md. The 4-year-old cow, sired by Kellogg Minnies Choice, recorded 8,430 pounds of milk and 350 pounds of fat with a 4.2 percent butterfat test at three years.

Crum Elbow KMC Snow Violet was consigned by Julia Ann Gilbert, Redhook, N.Y., and was sold to Chester Williams and Tom Lurvey, Waukeska, Wisc. Also sired by Kellogg Minnies Choice, the 5-year-old produced 14,482 pounds of milk and 673 pounds of fat at four years.

The next high seller was a March 1983 heifer consigned by Karen Lisa Davis, Earleville. Middle Ground Telestar Bonnie, sired by Maurana Wis Telestar, was purchased by Chester and Barbara Williams, Waukeska, Wisc., for $1,200.

Other top sellers included: Middle Ground Extra Gina, a 3-year-old cow consigned by Ned Davis, Earleville, and sold to Leslie and Lois Hershey, Kirkwood, for $975; and Green Manor NP Lancelot, a year old bull consigned by John and Ginger Myers, Littlestown, and sold to Rogelio Muyshondt, El Salvador for $900.

In addition to the cattle, 26 units of semen were sold for a total of $845.

The sale, auctioneered by John B. Merryman, Sparks, Md., featured the complete dispersals of the Middle Ground Guernsey herd owned by Ned Davis, Earleville, and that of Mattlin Guernseys owned by Matt Williams, Meshoppen. Other consignments were from individual breeders in Pennsylvania, New York, Maryland and Virginia.

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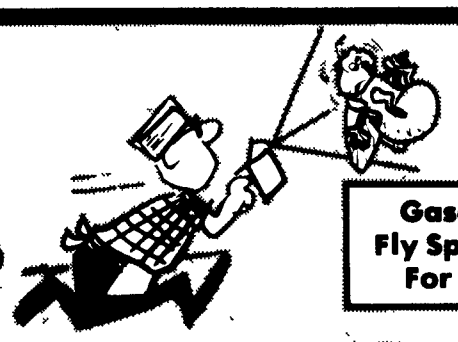

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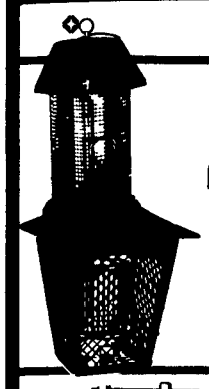

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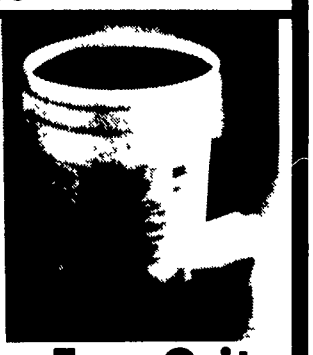

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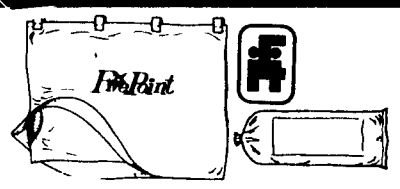

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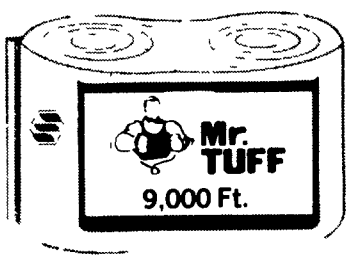

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Grange urges milk bill signing

HARRISBURG — The Pennsylvania State Grange is urging Governor Dick Thornburgh to sign into law a bill that would strengthen the financial protection for dairy farmers through changes in the Pennsylvania Milk Security Fund.

Currently on the Governor's desk, H.B. 1969 amends the Milk Security Act of 1980 to correct some problems that have surfaced since it was enacted. Set up to reimburse farmers in the event of dealer default or bankruptcy, the Fund is financed through a 1 cent per hundred pounds of milk contribution by Pennsylvania milk dealers. However, the unstable economy in the dairy industry in the past three years has resulted in insufficient funds to pay all the claims against the Fund.

The new legislation gives milk dealers three options: 1) post a bond equal to 75 percent of their milk shipments during their normal pay period and make no contribution to a security fund; post a 30 percent bond and pay 2 cents per cwt. into individual security funds established by each dealer; or, if a bond cannot be secured, a dealer can enter into a trustee agreement with the Pennsylvania Milk Marketing Board. In addition, the law toughens the requirements for new dealers operating in Pennsylvania.

State Master Charles Wismer said the producers for the bankrupt Scheps Cheese Company in Wyoming County were unable to collect from the Milk Security Fund due to depletion of funds by several previous claims. "Since the Milk Security Fund was not building money fast enough to fulfill its purpose, which was to reimburse farmers, this legislation needs to be enacted as quickly as possible to ensure viable protection for dairy farmers."

Wismer said the Grange urged introduction of an important amendment inserted in the Senate that prevents a bankruptcy court from seizing money in the security fund as assets in the event of a dealer bankruptcy, reserving these monies strictly to reimburse farmers for their losses.

The legislation awaiting the Governor's signature represents a compromise reached by the dairy and farm organizations, Wismer said.

York County township lays groundwork for 'Crime Watch' program

BY JOYCE BUPP
Staff Correspondent

KRALLTOWN — A raping of one woman and the assault and abduction of a second spurred residents of Washington Township to turn out in force last Thursday evening for a meeting to lay the groundwork for a rural "Crime Watch" program.

Concern over the increase in petty crime, vandalism and the recent violent episodes brought nearly 200 residents to the Kralltown Elementary School for an initial anti-crime meeting. Before they left, many had signed up to help become the "eyes" and "ears" of this relatively sparsely-populated, 28-square mile township in northwestern York County placed with the 81 miles of rural roads.

Trooper Bob Scutta, crime prevention officer from the York barracks of the Pennsylvania State Police, outlined recommendations on how residents can become more alert to potential crime incidents, including writing down license numbers of unfamiliar vehicles.

"Don't go out patroling in your pickup with your buddy and your squirrel guns, though," he warned. "That creates more problems than it solves."

Ironically, police statistics show Washington Township to be one of the "low crime" areas of the county. Through 1983, only 35 incidents were reported, representing 2.17 percent of all York County crime. And, for the first quarter of 1984, only three incidents were reported, or .76, less than one percent of the county's total crime.

"Reported" seems to be the key issue of difference between residents concerns and police statistics.

A show of hands among the audience indicated that about three-fourths of those attending the meeting had been victims of some sort of crime during the last decade. Most hands again went up in answer to a follow-up question about how many had reported the incidents.

Still, Trooper Scutta suggested that perhaps too few acts of vandalism, and petty thefts are reported to police. That often occurs, he acknowledged, because victims feel it's not worth the bother, or the incident will remain unsolved anyway.

"We may not solve your problem," he added, "but it could help us solve another one somewhere. If you do report it, there's always a chance of solving it; if you don't report it, the chance of catching the lawbreaker is zero. By not reporting, you're hurting yourself."

In response to residents' criticism that there are too few state police patrols in the township, Scutta again urged crime victims to report incidents, citing the traditional "squeaky wheel gets the grease" theory.

After a 39-year-old rural woman was raped several weeks ago in her home, residents became alarmed. When a 16-year-old young woman was abducted ten days later after her car was run off the road, and she was then taken across the county line to Adams County, and raped there, Washington Township residents decided it was time to begin fighting back against the criminal element.

While Trooper Scutta enthusiastically supported the Crime Watch idea, based on neighbors looking out for one another, he vehemently discouraged vigilante-techniques or citizens trying to apprehend lawbreakers on their own.

District Justice Paul Walters of Franklintown, a former York state trooper, echoed many of Scutta's suggestions and emphasized that crime prevention and solving takes three-fold cooperation between citizens, the police and the district justices who pass sentencing.

Walters issued a plea for people who spend a good portion of their time on or near roads, such as highway workers or farmers, to keep alert for strangers or unfamiliar vehicles.

While only three crimes were officially reported during the first quarter of the year, residents comparing notes after the meeting agreed that actual crime numbers reflect a different story.

Farms scattered along the 81 miles of rural roads through Washington Township, York County, are a prime target for increasing incidents of theft and vandalism.

Known incidents of recent crime include the thefts of a farm tractor, a houseful of furniture, oil and hydraulic jacks and an air compressor, all stolen in different occurrences.

Danger to youngsters, partially due to the isolated, rural nature of the township, is also a concern to many parents, especially after an incident of a driver of a car trying to pick up school-age youngsters.

Philip Grim, a student at Dover High School, shares a bus stop with two younger girls, one of elementary school age and the other a middle-school student. Their stop is a quarter-mile from the nearest home.

He expresses concern for these younger children since no one is home when they arrive there, and no adult is even close to the stop.

"A lot of these things we're talking about happen out of sight," he said.

Among the proposals of a possible crime watch program could be a sort of "block-parent" provision. Block parents are adults who are usually home when the children arrive from school and would be available to aid youngsters who feel lonely or threatened.

Residents who helped brainstorm the initial crime-watch idea and organize the meeting include Stan Olson, Jim Hoffman and dairy farmer Ralph McGregor, all of R1 East Berlin.

Using the sign-up list of residents willing to help be "eyes and "ears" against crime, organizers now anticipate dividing the township into five areas, possibly appointing block captains and working up telephone calling grids for rapid alert when a problem arises.

Report it. Write it down. Know your neighbors. These three guidelines are among the crime prevention advice given Krailtown area residents by Trooper Bob Scutta of the Pa. State Police.

Organizers see an even more far-reaching effect to the neighborhood watch program going beyond crime prevention to a community support concept, to band together with help for families struck by sickness, accident, fire or other disaster.

Jim Hoffman sums up the feeling of people-helping-people that has excited many of the 1200 residents of this rural municipality.

"It doesn't matter who the victims were. It's time to start doing something about it."

Concerned residents line up after the crime watch meeting to volunteer as "eyes" and "ears" in the municipality-wide drive to halt threats to property and persons.

Family's fourth horse shot

(Editor's note: State Police investigating the shootings of four horses on the Daniel Schrum, Farm, R2 Felton, said they charged Wednesday night 23-year-old Carl Kling, R2 Felton, with three of the shooting. Kling, the Schrum's son-in-law, has been charged with three counts of cruelty to animals and is in York County Prison in lieu of $15,000 bail, police said.)

BY JOYCE BUPP
Staff Correspondent

NEW BRIDGEVILLE — Late Monday afternoon, for the fourth time in less than a year, a horse in the pasture of the Daniel Schrum farm, R2 Felton, took a bullet.

Shady, a 4-year-old purebred paint mare, was luckier than her three predecessors.

The .22 caliber shell pierced her soft white hide, apparently grazed a rib and then veered forward and lodged in the flesh near her rib cage.

With a few days of recuperation, and a little more luck, Shady may be strong enough to withstand the surgery involved in having the shell removed.

Shady is owned by Darlene Kling, the Schrum's daughter, who lives on the farm with her husband Carl and their 2-year-old daughter.

This was the third horse owned by Mrs. Kling to be shot by an apprent sniper leveling bullets toward the pasture, less than 50 yards from the two families' homes.

The fourth horse was shot last Friday, June 22, when a bullet killed Daniel Schrum's 14-year-old Quarter Horse and Paint Cross. Her body was discovered in the small pasture at a spot about 30 yards from the Schrum house. An autopsy on that animal turned up a .22 caliber bullet.

Mrs. Kling's 12-year-old, seven-eighths registered Arabian gelding became the victim on May 23, found dead just behind the small barn, also located near the Schrum house. Although the families were not initially certain that the death was a result of a shooting, a bullet hole was later discovered in the horse's body. Although an autopsy was performed, no shell was found.

The horse-shooting nightmare began for the two families midday last September 24, when Mrs. Kling found her pruebred Appaloosa lying in a field, suffering in

(Turn to Page A33)

Making milk fat tests more accurate

NEWARK, Del. — The fat test level of milk in farm tanks has considerable economic importance not only for producers, but also for processors who buy this milk.

"Let's assume," says University of Delaware extension dairy specialist Dr. George Haenlein, "that you have a herd of 100 Holstein cows which produce an average 40 pounds of milk per cow, filling your 4,000-pound milk tank daily. You'll get 13 cents per pound for that milk if the fat content is 3.5 percent. This gives you a daily gross income of $520, from which, of course, you must pay all your feed, labor, utilities, veterinarian, taxes and other expenses."

If that milk tested 4.0 percent instead, the producer would get an additional $32 a day, because of the $0.0016 differential paid for each tenth of a percent of milk fat per pound above the 3.5 percent standard. Assuming production costs didn't change, in a year this daily $32 increase would amount to a handsome $11,680.

"Considering the money involved," says Haenlein, "it's easy to understand why the issue of accurate fat tests has been a bone of contention and suspicion between the farmer and the processing plant for a long time."

The controversy is based on the fat that fat and milk don't normally mix, but continually separate. The fat, in the form of cream, rises because it has a lighter specific gravity. This means it must be mixed back into the rest of milk manually or by machine for even distribution and accurate sampling. It takes time to do this — at least five minutes for a full 4,000-pound tank.

Milk is hauled from the farm to the processor in a tank truck which pumps the farm tank empty. Before loading, the driver must accurately measure the volume of the milk and take a sample which will be analyzed later to determine its fat content.

That sample is collected manually, Haenlein says, just as drivers have been doing for the last 30 years.

First, a dipstick is placed in the still tank to record the exact amount of milk there.

Next, an agitator is turned on and the driver waits while the milk and fat are completely mixed. This takes at least five minutes. Then he lowers a dipper into the full tank and collects the sample.

Finally, the tank is emptied and the truck goes to the next farm, where the procedure must be repeated.

"It's obvious that this manual system of recording, sampling and testing has great potential for human error which can translate into substantial amounts of money lost by either the farmer-producer or the milk processor," the specialist says. Given the technical and electronic capabilities of this space age, he says such manual procedures are obsolete and need to be replaced. The technology already exists to do so.

Three industrial milk metering and flow-through sampling devices are now used in other parts of the world, Haenlein says. The Danish milk industry uses an orifice-type collecting device called "Patch." A cylindrical sampler with a diaphragm, called "Diessel," is made in Germany.

A third American-made type, called "Isolok," uses the syringe principle to draw out 3-milliliter samples from every 50 quarts of milk flowing through the pump hose from the farm tank to the truck. This device has been officially approved in the Canadian province of Quebec. In fact, Quebec Department of Agriculture regulations require such automatic sampling devices on all farm bulk milk pickup trucks.

Isolok is also widely used today in U.S. and Canadian milk processing plants, Haenlein says. Since its development in 1969, over 600 Isoloks have been installed in these plants and over 400 on milk tank trucks. The sampler has been tested extensively and is consistently accurate to within plus or minus 0.01 percent of the true fat test value. It is easy to clean with normal automatic CIP procedures, and has successfully met federal and local sanitary standards.

"With systems like this," the specialist says, "it's no longer necessary to wait for farm milk tanks to be agitated for proper mixing before sampling. An automatic flow-through sampler takes accurate samples as the milk is being pumped into the hauler's truck, so it saves the driver waiting time. And it does away with disagreements over improper payment due to inaccurate milk fat sampling."

Haenlein believes the time has come for Delmarva to adopt this modern dairy industry development, which would ensure that both producers and processors are fairly paid.

June is dairy month

Fourth horse

(Continued from Page A32)

a cold sweat. She had two bullet holes in her side.

The 10-year-old mare lived for four hours. Although an autopsy was ordered, through error, it was never completed.

All four of the horses were tame and used frequently by family members in their trail riding hobby.

All the shootings have taken place during daylight hours. All are believed to be the result of firing a .22 caliber firearm, perhaps from sites 200 to 300 yards distant.

A blacktop road fronts the small farm, and several neighboring homes look down on the little pastured valley from the adjacent hill, so the property is not an isolated one. Fields curve around the pasture, where, until the shootings increased, up to nine horses regularly grazed.

Although the Schrum family has lived on the farm for 20 years, they say, up until the September shooting, no problems of any real property or personal threat had ever existed.

Since the first two horses shot were dark in color, the Schrums and Klings had speculated - even hoped - that perhaps careless groundhog hunters had mistaken their quarry

"But a black and white horse, and then a white horse, can in no way be mistaken for a groundhog," Mrs. Kling said.

"We've heard shots the last two times. My husband had just walked into the house with our little girl this last time," she added, "and then we heard the shot."

Local deputy game warden Bob Fredericks wins praise from the two families for his support and hours given in helping to search for evidence.

Each of the past three shooting incidents has been reported to the Pennsylvania State Police and an officer has come to the scene each time to file a written report.

"They were all good horses, basically big pets," Mrs. Kling said. "I could see it better if they were taking them for meat, or to sell."

"But just to shoot them and let them lay?"

"You have to be afraid to be outside. You feel like you're being watched, and that's scarier than the guns. I grew up here. Now I run to the window every time a car goes past," she said.

Numerous friends and acquaintances have offered help, and the trail riding club to which the family belongs has added monies to a reward fund.

Va. farm tour planned

WINCHESTER, Va. — Seven of Virginia's top farms, as well as two apple processing plants, will be open to the public Saturday, July 21, for the 1984 Virginia Farm Management Tour.

For the first time in its eight-year history, the tour will be hosted by two counties. Clarke and Frederick counties, located in the northernmost tip of the state, have been preparing for the one-day event since late last year.

Tour participants will see crops ranging from apples and plums to small grains and no-till corn. Livestock will include both Jersey and Holstein dairy cattle, beef cattle, sheep and Thoroughbred horses.

Clarke County will be represented on the tour by Harvue Farms, the Holstein dairy of John Hardesty and sons; Frankford Farm, a diversified beef/sheep/cash grain farm owned by the Arthur Weiss family; Audley Farm, a Thoroughbred horse operation; and P.T. McIntire and Sons Inc., an Angus beef cattle farm.

Frederick County farms scheduled to be featured include Waverly Farm, a Jersey dairy operated by brothers Tracy, Kenneth, Paul and Mike Stiles; Rinker Orchards, a third-generation apple and plum orchard operated by Dudley Rinker; and D.K. Russell and Sons Inc., a large family-owned orchard in the heart of Virginia's apple country.

Two Winchester apple processing plants also will be open on tour day, allowing visitors a chance to learn what it takes to get an apple from the orchard to the grocer's shelf. National Fruit Product Co. Inc., one of the oldest and largest apple processing companies in the United States, and Shenandoah Apple Cooperative Inc., a farmer-owned and operated business, will be open to visitors.

Tours and management discussions will be conducted throughout the day at each tour stop from 9 a.m. until 4 p.m. The tour is self-directed, allowing individuals to set their own pace.

The tour is being sponsored by the Virginia Cooperative Extension Service in cooperation with the Clarke-Frederick farm management committee.

For more information, contact a local Extension office or the Frederick County Extension Ofifce, Courthouse Building, Winchester, VA 22601, or call (703) 662-8721.

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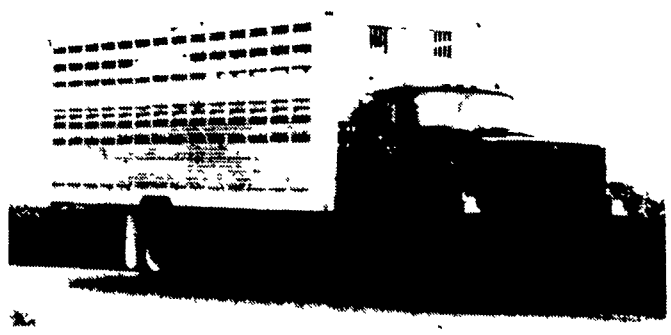

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Look into Futures

By Peter D. Forbes

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LIVESTOCK

In the pork complex, analysts are becoming concerned that farmers are temporarily withholding hogs from the market. That attributes this to two things: (1) That the recent hogs & pigs report, which has depressed prices, was a dissapointment to farmers and they are reluctant to sell at these levels. (2) Due to heavy involvement in grain planting and wheat harvesting, many farmers are simply not finding the time to send animals to slaughter.

Recent slaughter numbers have fallen below 300,000, but last week the number dropped below 275,000. Analysts believe that such a drop in markets should not be occurring this rapidly. Average weight for hogs have been about 244 lbs. (2 lbs. above a year ago). Some sources indicate that slaughter weights are coming down again. Also, with the recent hot weather and indications that feed lots are becoming current, market weights should decline.

The fear in the market is that once the withheld hogs do come to market, prices could be depressed greatly. There is a sharp outmovement of pork bellies from cold storage. Last week 2.3 million lbs. were mvoed out compared to 276,000 lbs. the week before. Despite the continued large amounts in storage, continued outmovement will be a great pressure to the pork product market. There is some talk that cash bellies could decline to $61-$62 CWT in the two weeks. With the July high contract coming into the delivery period, the whole pork complex could be under pressure.

The cattle market seems to be finding new life again. After touching $62, August cattle appear ready to make an attempt at recent highs above $66. Trading at the Mercantile Exchange has become more lively and can increase buying from both commercial and commission houses has been evident. You may remember that in the recent cattle, downtown rallies have shown very little follow through interest. While the market is gaining momentum to test the recent highs, we are going to need some productive fundamental news to provide the market with new amunition. Steer beet has been trading between 99 cents and $1.00. Cash cattle prices are still trading at $66 on the heavy choice steers. These prices need to move higher in order to give the back months in the cattle market a reason to rally.

Cornbelt and Plaines feedlots seem to be current as far as heavy choice steers are concerned. There will be a 7 and 13 state cattle on feed report released July 18, which is expected to be positive for prices. There are indications that these bullish expectations are already getting into the market. the futures seem to be easing the discount that the market is maintaining to the cash prices. This most likely will make the market much more sensitive to cash developments in the next 3 weeks.

GRAIN

The big news this week was the USDA average planting report released Thursday, June 28. The results of the report are as follows:

Crop	Actual	Expectation (Million Acres)	84 Vs 83
Corn	79 9	81 5	+33%
Soybean	68 0	68 0	+ 8%
Wheat	79 5		4%

The preliminary reaction to this report will be neutral for wheat, bullish for corn, and neutral to slightly bullish for soybean. Some market analysts believe that the soybean acres number does significantly less since the price ratio of soybeans to corn during the planting season did not favor a heavy shift into soybeans. However, since the government has imposed a $50,000 per celling on corn deficiency payments (the equivalent of a 48 cents per bushel maximum payment on 1,000 acres in corn), these farmers must likely put their additional acres into soybean.

Nevertheless, the corn market is expected to firm up this week and perhaps make attempts at the recent contract highs made last week. Soybean could rally in sympathy with the corn, however, the market will soon begin to trade again strictly according to weather forecasts.

The most recent 6-10 day forecast issued by the National Weather Service indicates that temperatures are moderate and those areas that up to now have received below average rainfall (Eastern Cornbelt & Southeast) should be returning to more normal precipitation patterns. Also, the Eastern Cornbelt, which has expected extensive flooding and the loss of 1.5 million acres of corn, is expected to have less rainfall in the few weeks.

All of this weather information points to the fact that in general the grain crops have gone in fairly well this year and that heavy seasonal pressure should be expected over the near term. Market optimists continually point to the prospects of a hot July and August during crop pollination then as a reason for a big summer release in prices. Clearly the weather is all important right now.

Wheat has shown signs of improvement in price despite the heavy harvest pressure. Roomers beginning to circulate again that China may be re-entering the wheat market. So far there is no clear indication as to what the publics' intentions are, but some sources indicate that the Chinese are trying to buy wheat through private traders.

Gain gets Corn Growers post

INDIANAPOLIS, Ind. — The National Corn Growers Association has appointed Jeffrey W. Gain as its chief executive officer, to head the new St. Louis headquarters which is to open later this year.

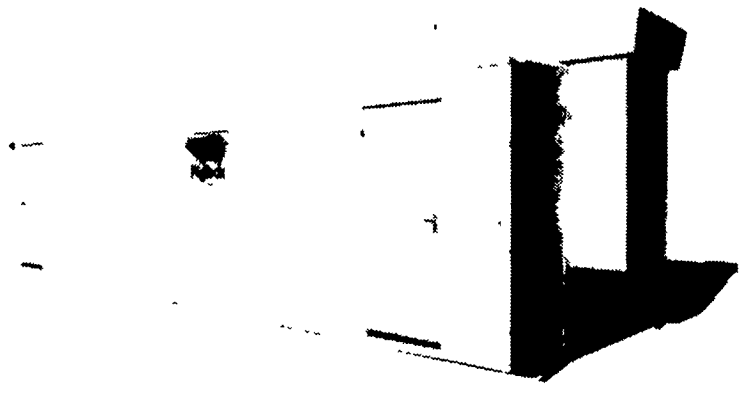
The NCGA is a farmer-backed commodity organization made up of 16 affiliated state groups, with members in 47 states. The association speaks for approximately 90 percent of the nation's corn production.

Gain, 44, served as executive director of the St. Louis-based American Soybean Association prior to joining the NCGA. His duties will include administration of the National Corn Development Foundation which allocates funds from state checkoff boards to various national projects.

The NCGA's announcement of Gain's hiring was made by NCGA president John Stevenson of Circleville, Ohio. "Jeff has an excellent background of administrative expertise, a lifetime of experience working with farmers and an impeccable reputation in the agri-business community," Stevenson said. "His abilities were recognized earlier in careers with the Illinois Farm Bureau and, most recently, with the American Soybean Association."

In making the announcement, Stevenson noted that NCGA representation in Washington D.C. will continue to be handled by Michael Hall, NCGA Washington representative.

Announcement of Gain's hiring was made in Indianapolis on June 21. Gain, his wife and two daughters reside in St. Louis.



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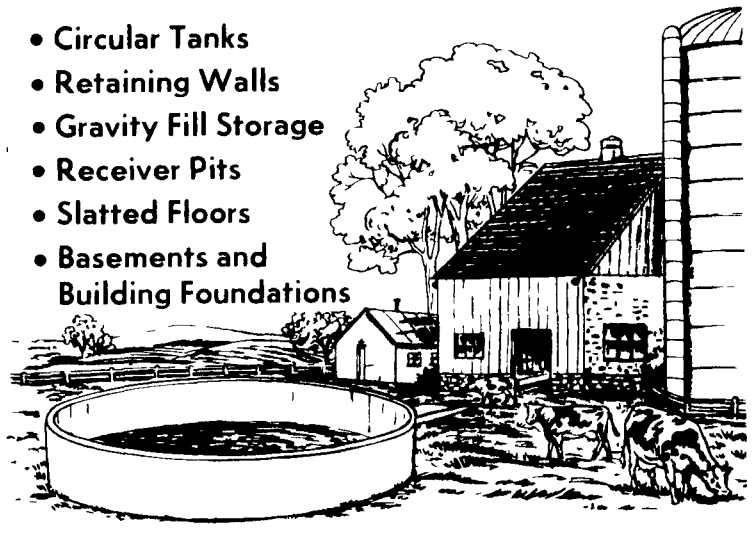

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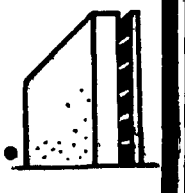

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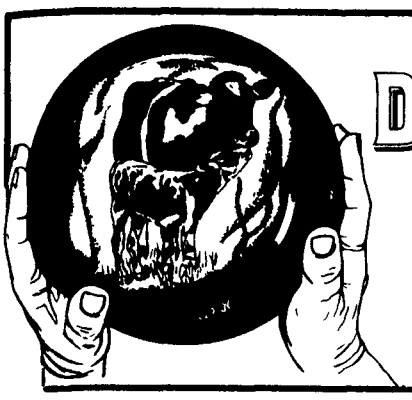

DAIRY'S FUTURE

Whatever it holds, it's in your hands

(Continued from Page A24)

Staying in Business

Looking at the future of their dairy operation, Don said the biggest hurdle to get over is the debt load.

"Our debt load is very high and is our major problem," he said.

To compensate for this, Don and Angie have consolidated a few loans to "stretch them out as much as we can." Another decision is "absolutely, positively borrowing no more."

The next couple of years will be so tight, Angie explained, that they will need to get rid of as much debt load as they can. It is a problem she associates with the fact that they are just starting out.

"We could never survive on $9 or $10 per hundred weight milk," she said. "We'd go under, and it doesn't have anything to do with the quality of the milk and it doesn't have anything to do with our management practices. It has something to do with because we're starting out."

Agreeing with Angie, Don added that farmers in general need to improve milk quality for all to have a positive position in the industry.

"There are people selling milk," Don said, "and some will clean up their act and some never will and don't deserve to be selling milk."

Upping the quality of milk and, at the same time, increasing milk promotion are partial answers to the dairy situation, Don and Angie agree. But it is also going to take some attitude changes.

"I think the attitude of farmers is changing," Angie said. "I think the industry almost has to change to get new people."

Keeping the established farmers in business and allowing new dairymen to enter the industry is important. And as the Koontz family sees it, it depends on attitudes, management and a willingness to produce and market a quality dairy product.

Don and Angie Koontz, back left, and daughter Jackie and son Brian pose with one of the family's favorite Jerseys.

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Saturday, July 7, 1984
9:30 A.M.

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Annual Special Auction, Flea Market, Chicken Barbecue, etc.

Early consignments to the auction include:

Oak furniture, other old furniture, complete household of modern furniture, nice collection of old guns. Also modern shotguns and rifles, gun cabinets, farm machinery, automobiles. Also refinished old farm equipment. Coins, table saw, other tools, saws, etc. Plus large variety of items not listed.

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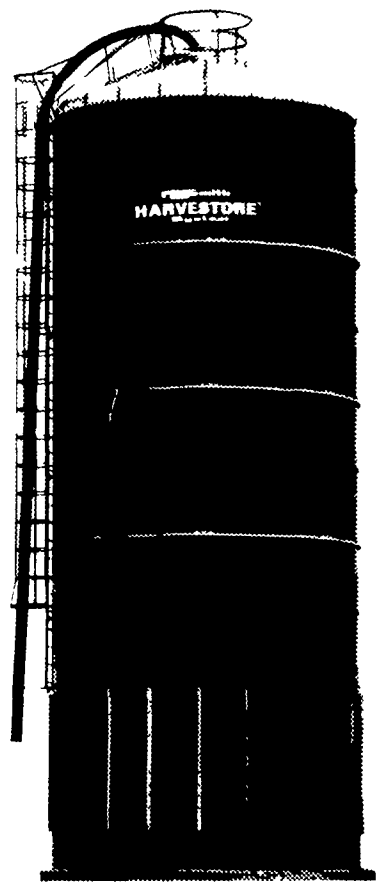

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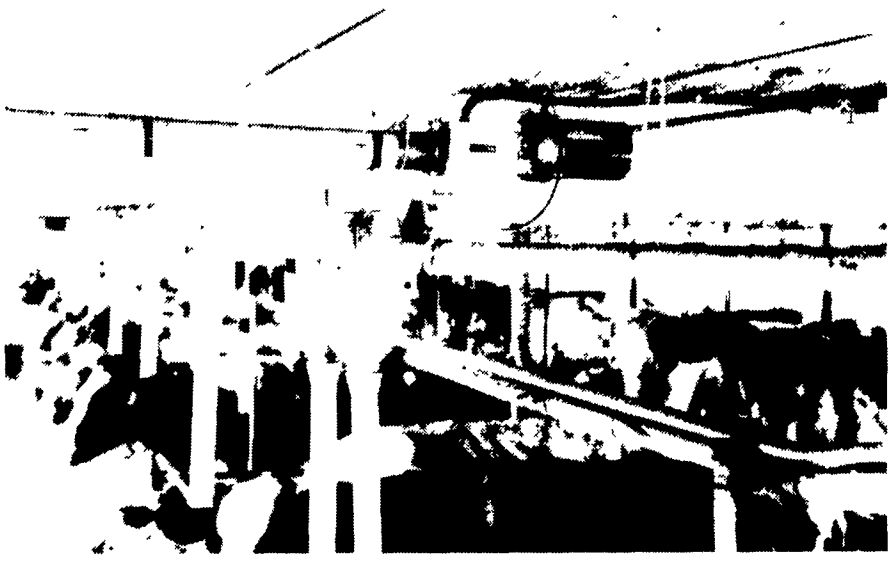

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"Kids" outnumber cows on Ruth's dairy farm

BY ROBIN PHILLIPS
Staff Correspondent

MOHRSVILLE — A new dairy operation is being assembled in Berks County. When completed it will feature a holding pen, milking parlor, automatic milkers, and a bulk tank. "Nothing new," you might say. Maybe not, until you see the work force behind the operation.

Ral-Anne Farm also features Anne Ruth and her two daughters, Stephanie and Sherry, handling many, many "kids." With their 30 plus does currently milking, the farm is home to over 80 Nubian, Saanen, and Recorded Grade goats. A goat admirer for over 11 years, Anne is quick to admit, "I never kept more than three or four goats until I met Ralph."

Ralph is Anne's husband. Widowed earlier in life, Anne met Ralph at a technical school for horseshoeing.

"Horses were my first love," Anne says, adding that she and Ralph had much in common through their love of horses and various horse organizations.

But the time came when she had to tell him about her goats. "I didn't know how to tell him I had goats 'cause we met through the horse club," Anne states. "It turned out that he loved them. He's the one who talked me into this many," she says with a smile. "He just liked the size of the animal and the amount of milk that you got."

Originally from Bucks County, Anne told her future husband about her "kids" when she moved into Berks County and he was hauling her belongings here for her. "Ralph just fell in love with them," she adds. "I just kept them as a matter of course 'cause I had them so long."

The girls demonstrate how the kids follow them around. Sherry says that at times, they take all the goats for a walk with no ropes or halters.

"Jet" a milker under two years, recently won first place at the Blue Mountain Dairy Goat Show.

Raising goats for over 11 years, Anne purchased her first one because of her son's many allergies. "Years back, a friend talked me into a goat," she says. "When we got the goat and started drinking the milk, the allergies stopped." "I bred the goat and one led to another, to another," she continues.

Today, her son lives away from home. But, Ralph's daughter, Stephanie and Anne's daughter, Sherry, both 16, remain a big influence in the goat dairy.

"They're part of the whole operation," Anne says about the two girls. Each daughter takes part in the daily chores and also does the showing when it comes time to exhibit "Ral-Anne" stock. While both girls admit that they do not always appreciate having to be home to do chores, they love the affection the goats return to them. While Stephanie looks forward to attending a business school after high school, Sherry says that she is "thinking about being a vet."

Anne is also quick to point out that they learned a lot about goats and goat milk since her early attempts with goats.

"Goat milk will draw odors in fast, so you must handle it quickly," she advises. "If you're clean about it, and it's cooled properly, it's very good."

Goat milk must be cooled very quickly. Currently Anne milks, strains the milk, immediately and then places it in the freezer to bring it to 32 degrees very quickly. She also prefers the Nubian breed of goat because their milk is much higher in butterfat and gives a better product.

"Beth" gives Anne a kiss. Beth knows her name well and answers promptly every time she is called.

At her present location for less than two years, Anne says that one thing that prompted the dairy operation was the number of calls they got from people in the area who needed goat's milk because of allergies or stomach ulcers. The calls kept coming, "more than ever," Anne said so they decided to increase their herd and start a dairy operation.

When completed, the facility will slightly resemble a modern dairy barn with alterations for its smaller inhabitants. The holding pen is airy with screened windows and a step leading to a small door into the parlor. The milking parlor has feeders along the wall to accomodate four to five goats which will be milked from the back as they feed. The small stainless steel bucket milkers include two inflations about the same size as a cow's milker.

After the goats are milked, another door takes them back to their loose housing pens. From the floor of the parlor, another door leads to the milk house where the bulk tank is kept. Although very small by a dairyman's standards, the bulk tank and room must meet the same specifications as on a cow dairy. The walls are tiled and the sinks and equipment are all stainless steel.

Anne says that they have been working with state inspectors and are looking forward to becoming a raw milk dairy. They are also anxiously awaiting completion of their facilities so that hand milking is no longer necessary.

Although Ralph does not handle the goats very often, "he does the building, supplies the hay and grain and is a major part of cleanup," Anne says. Ralph holds a full-time job off the farm and has been building the dairy in his free time.

With a five month gestation period, goats can be compared to rabbits. "When you start out with one,..." Anne says with a smile."

The Ruth's have been raising all their does for the last several years to increase their herd. "Some of my best milkers are the ones that I raise myself," Anne says.

Although she likes the Nubian milk the best, Anne adds, "I like the Saanen as a breed. They're more mature."

The Ruth's are also working to upgrade their herd, a term which is referred to as "American," meaning three generations of purebred breedings. After three generations of this, a doe can be

(Turn to Page B3)

Currently all the goats at Ral-Anne Raw Milk Dairy are hand milked by Anne and her daughters. "It gives you muscles," Anne says.

Homestead Notes

Dairy farm

(Continued from Page B2)

registered "American Nubian" or whatever respective breed, and a buck can be registered "American_____" after four generations. Anne says that this fall they will be milking over 40 does including much of her own breeding stock.

"My kids really got to be a good size this year," she adds. The animals are fed a dairy cow ration formulated through Penn State. Anne says that the bucks have been putting good size and milk production potential in their offspring. No additives are fed or used at all, Anne says proudly, adding that she and Ralph attend many seminars and meetings to keep up to date on modern practices with dairy goats.

Newborn animals are fed milk with buckets and any extra milk is fed to calves until they receive their certification. Anne says that Ralph and Stephanie are the biggest milk drinkers and hopes that when their dairy is in full operation, other people will come to appreciate their product.

"I like their affection and their size," Anne says of her animals. "They're cleaner, too," Sherry adds, comparing them to cows. Each goat knows her name and the girls demonstrated how the kids love to get out and jump around, never straying far from their owners. It's hard to tell who has more of the affection - the people for their goats, or the goats for their people.

Stephanie treats the goats to lettuce and carrots. Each goat has her own personality, says Stephanie, who enjoys their affection.

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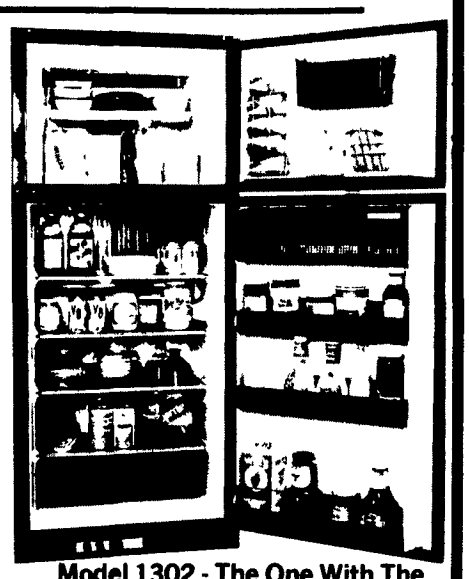

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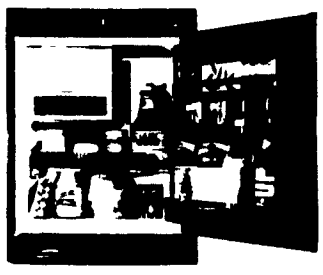

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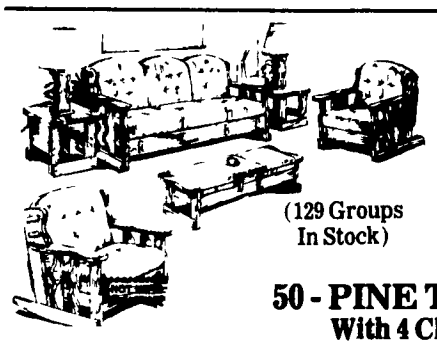

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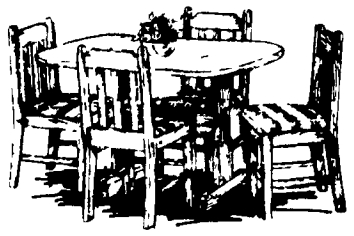

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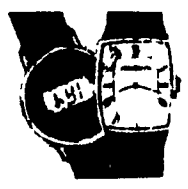

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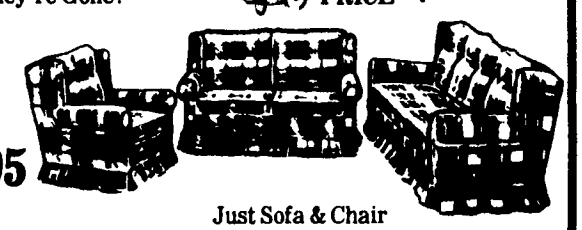

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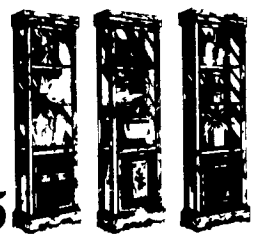

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Butler County celebrates dairy month with recipe and ice cream eating contests

BY BARBARA RADER
Staff Correspondent

BUTLER — The Butler County Milk Promotion Committee celebrated June Dairy Month with festivities at the Butler Mall from June 13 to 16. An ice cream eating contest and the annual recipe contest highlighted the festivities on June 14.

Mary Lorenzini, Butler, took the grand prize in the recipe contest with her "Zuppa Inglese," or English Soup, recipe. She competed with 30 other entrants for the "Best of Show" award and a $35 bonus cash award.

Mary's finished product was a large, attractive pound cake that she said she makes for special occasions and holidays. She explained that the English people used a lot of rum in their cake recipe, giving it a soupy texture that required a spoon to eat. Mary uses only ½ cup of rum in her recipe, along with a variety of milk products. The cake also won the dessert division and a $25 prize. While Mary has won other cooking contests in the past, this is the frist time she competed in the Dairy Foods Recipe Contest.

Thirteen recipes competed in the dessert division, with second place going to Pat Campbell for her Pistachio Dessert recipe and third place going to Mrs. John S. Pawlowicz, Sr. for her Buttermilk Sherbet recipe.

Other categories in the contest included salads and main dish casseroles. In each category the first-place winner received $25, the second-place winner $15 and the third-place winner a Butler County Homemaker Cookbook.

In the Salad category, Sheila Slippey, Evans City, took first-place with her Shrimp Salad and Zelda Graham, Connoquenessing, took second with her Cheese Pineapple Mold. Betty Jane Reno, Valencia, took third place with Garbozos Dip.

Cheeseasy ZUKE Surprise Casserole won over six other entries in the main dish casserole category. Martha Snider, Sarver, prepared this dish. Devonshire Sandwich, prepared by Pat Torso, Gibsonia, took second place and NBC Soup, made by Mrs. Jesse Raabe, took third.

Judges Helen Voegler and Jacqueline McIntyre, both home economists from Butler, tasted a sample of each recipe, each containing at least one cup of a dairy product.

Butler Extension Home Economist Delores Williams coordinated and planned this year's event with the help of the committee.

"The entries were up this year as the premiums were increased, making it much more worthwhile to enter," she said.

Copies of the recipes entered in the contest are available by contacting Mrs. Williams at the County Extension Office or by phoning 412-287-4761.

The Annual Ice Cream Eating Contest began at 1 p.m. with contestants randomly selected from a list of Butler County officials and area children and adults.

For the fourth consecutive year, 11 county officials and two local radio stations participated in the contest. Bob Brandon, WBUT radio, was the official announces and gave live coverage of the contest in the mall.

Contestants were divided into four age divisions starting at four years. All participants indulged in Real ice cream from the Valley Dairy in the mall and received prizes of ½ gallon of chocolate milk, a pound of butter, ice cream cones, cheese, I Love MILK tote bags and dairy promotion T-shirts provided by the county committee and Valley Dairy.

Winners were: in the 6 and under category - Sharon Rader, Connoquenessing, and Sheriff Dennis C. Rickard, Butler, 7-10 years - Charrie Shipton, Evans City, and WBUT's Cathy Miler; 11-4 years - Dave Dickison, Butler and Prothonotary Glenna M. Walters; 15-? - Marie Grote, Evans City, and the Register and Recorder Jon W. Campbell.

Also participating in the event were Deputy Cornor John Look, Treasurer Joan T. Chew, District Magistrate 3-3 James H. Galbreath, Commissioner Huff's secretary, Irene Pflugh, State Senator Tim Shaffer, House of Representatives 12th Legal District and U.S. Representative Joseph P. Kolter; Joan Janaszek representing Howard L. Fargo of the 8th Legislative District. U.S. Representative Joseph P. Kolter was represented by Scooter Matuke along with WISR's Dave Malarkey.

Contestants drawn at random were Erin Moad, Nicky Ferrer, Joel Graham, Sereina Prowell, Brian Prowell, Mary Liberto, John Podolak, Theressa Smith and Gert Bacho.

During the contest each contestant was bibbed, blind-folded and given a bowl of ice cream and a spoon to feed each other across the table. The object, was to see who could finish their ice cream first.

The committee also held a calf naming contest in conjunction during the dairy festivities as well as a cheese booth, a milk booth and a novelty shop where dairy items were sold.

The Dairy Foods Recipe Contest winner Mary Lorenzini shows off her winning cake while the judges and contest chairman look on. From left to right are Helen Voegler, judge; Delores Williams, coordinator; Mary Lorenzini, contest winner; and Jacqueline McIntryre, judge.

Participants in the Annual Ice Cream Eating Contest at the Butler Mall, scoop spoonfuls of delicious ice cream into their partners' mouths. The contest was part of the Butler County's festivities for June dairy month.

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Ladies Have You Heard?

By Doris Thomas

Lancaster Extension Home Economist

Air Conditioner Tips

You've recently bought a room air conditioner and you're all smiles. You made sure it is right for your house and that it is energy efficient. Just think of all the energy you'll be saving while staying cool. But wait a minute. Are you doing all you can to make sure the air conditioner runs efficiently? There are several ways that you can help your air conditioner keep your house cool and save even more money.

One thing to do is to reduce the outside heat coming into your house:

- Shade windows from sunlight with drapes, shades, shutters, awnings or overhangs.
- Use storm windows, especially those that can be opened or closed as the weather changes. Be sure to weather strip your windows and doors, too, and keep them tightly shut.
- Close all unnecessary openings such as fireplace dampers.
- Add insulation, but first get professional advice on how much to add. As a rule, ceiling insulation should be 6 inches thick and wall insulation 3 to 4 inches thick.

You can also reduce the heat generated on the inside of your house.

- Turn off all electric lights and appliances when not needed.
- Avoid using the heated dry cycle on your dishwasher.
- Spread out use of heat-producing appliances such as irons and ovens.
- Don't cook or use laundry equipment and dishwashers during the hottest part of the day.

Keep your air conditioner at peak efficiency:

- Keep the unit clean inside and out. Clean the filter regularly. Clean the condenser at least every two to three years.
- Don't restrict the air flow into or out of the unit either indoors or outdoors.
- Locate the unit on the north side of your house if possible and install it properly. Make sure the house has the necessary amperage and voltage.

Do not use the unit more than it is necessary; try to do the following:

- Set the thermostat to a warmer temperature. A minimum of 78° is recommended.
- Turn the unit off and open windows when the weather is cooler or breezy.
- Close off unused rooms.
- Turn the unit off if the room is not going to be used for several hours.
- Use the fresh air and/or exhaust damper (if your unit has one) sparingly.

Above all, follow the manufacturer's instructions on the use and care of your air conditioner. Help your air conditioner keep you cool.

You Can Freeze Dairy Products

You're about to leave for vacation and realize you have a quart of milk in your refrigerator. You also have some cheddar and some cottage cheese.

There's no need to toss any of these products out; you can safely freeze them. Recommended storage time in the freezer is shorter than for other foods, however. And you should be aware that, except for the butter, margarine, and lard, the quality of the thawed product won't be as good as fresh. Milk will separate and cheese will get crumbly, so plan to use these products in cooking. However, do not use milk to prepare baked custard.

The following guidelines should help you freeze dairy products successfully:

Pasteurized homogenized milk — freeze in original cartons; storage time — 1 month.

Cream — if contains at least 40 percent butterfat it can be frozen for use later in making ice cream or in cooking. Package in freezer containers allowing ample headspace. Storage time — 3 to 4 months.

Butter, Margarine, Lard — freeze in original cartons for short storage or overwrap cartons for longer storage — up to 6 months.

Cheese — wrap tightly in heavy-duty foil or any pliable freezer wrap. Thaw cheese in this wrapping.

Freeze hard cheeses such as cheddar in pieces of one-half pound or less. Cream cheese will freeze well if blended with heavy cream. Use for dips or icing on frozen sandwich loaves.

Specialty cheeses freeze satisfactorily. Blue cheese will become crumbly after freezing — but it will still be usable for some dishes such as salads.

Uncreamed cottage cheesemade from pasteurized milk must be frozen very rapidly to avoid water separation when thawed.

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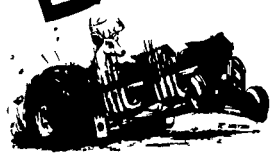

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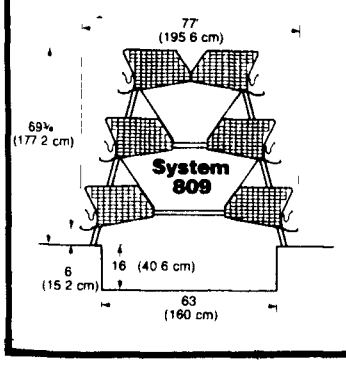

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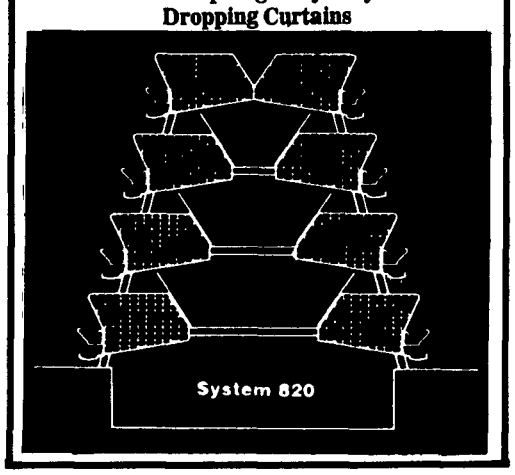

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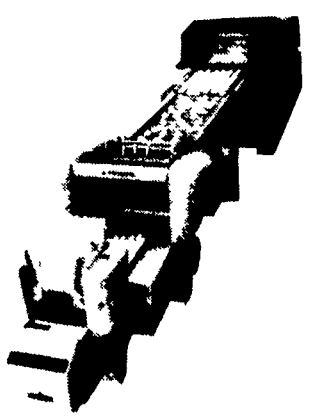

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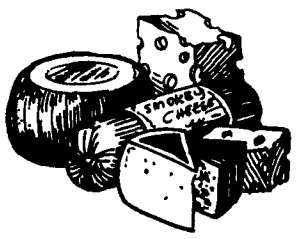

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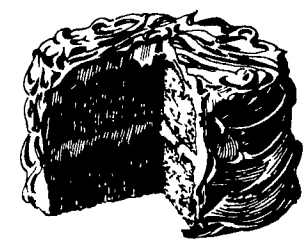

Creamy custards and puddings make delicious desserts

Dairy month is rapidly coming to a close, but before it ends, mix up some creamy puddings and custards. The stacks of pudding recipes that readers sent in this month indicate that many of you enjoy preparing and eating these delicious and nutritious desserts.

While dairy month may be over, the need to include dairy products in your diet continues all year. Clip-out and save some of the following dairy recipes for use in meals for every season.

MICROWAVE RICE PUDDING

2 cups milk
1 cup cooked rice
2 eggs, beaten
½ cup sugar
½ cup raisins
1 teaspoon vanilla
½ teaspoons cinnamon

Pour milk in a 4-cup measure. Microwave on high (100 percent) for 3 to 4 minutes or until steaming.

Mix together remaining ingredients in a 2-quart casserole until well-blended. Stir in hot milk. Cover with a tight-fitting lid or plastic wrap.

Microwave on low (30 percent) for 20 to 25 minutes or until a knife inserted near edge comes out clean.

Remove cover immediately and allow to stand on a solid surface until center is set. Serve warm or cool. Recipe yields 4 to 6 servings.

Mrs. Raymond McComsey
Newport

BUTTERSCOTCH PUDDING

¼ cup butter
3 cups milk
⅔ cup flour
¼ teaspoon salt
2 cups brown sugar
2 eggs
1 cup milk
1 teaspoon vanilla

Brown butter in large, heavy saucepan. Add 3 cups milk and heat. Meanwhile, mix the other ingredients and add to hot milk. Cook until thick, stirring constantly. Chill and serve. May be used as pudding or pie filling.

Julia S. Petre
Waynesboro

SPANISH CREME

1 tablespoon plain gelatin
3 cups milk
½ cup sugar
3 eggs, separated
¼ teaspoon salt
1 teaspoon vanilla

Soak gelatin in cold milk for 10 minutes. Add sugar and salt and stir until it's dissolved. Heat in top of double boiler until milk is scalded. Beat egg yolks slightly and add ½ cup hot milk. Stir mixture into remaining milk and cool until slightly thickened - about 4 minutes. Stir constantly. Remove from heat and cool slightly. Fold in stiffly beaten egg whites and vanilla. Turn into molds and chill until firm.

R. Hoover
Manheim

Baked Rice Pudding with baked on meringue, is an excellent and delicious way of oncorporating milk into your diet.

CUSTARD WITH STRAWBERRIES

4 egg yolks
¼ cup plus 1 tablespoon sugar, divided
¼ teaspoon nutmeg, or to taste
Pinch of salt
1¼ cups milk
½ teaspoon vanilla
1 pint strawberries, rinsed and hulled
2 tablespoons lightly-toasted sliced almonds

In heavy 1½-quart saucepan, whisk egg yolks, ¼ cup sugar, nutmeg and salt until well blended. Stir in milk. Stir over low heat until mixture thickens slightly and coats metal spoon. Remove from heat. Stir in vanilla. Cool, stirring occasionally.

Pour into small dessert dishes. Cover loosely and chill several hours or overnight. Before serving, top with strawberries; sprinkle with mixture of almonds and remaining sugar. Makes 4 servings.

Joyce Stoltzfus
Columbia

COCOA CORNSTARCH PUDDING

Mix in double boiler:
3 tablespoons cocoa
½ cup sugar
Pinch of salt
1¾ cup milk

Heat to boiling point. Dissolve 2 tablespoons cornstarch in ¼ cup milk. Stir slowly into hot mixture. Cook over boiling water for 20 minutes. Cool. Add ½ teaspoon vanilla.

Mrs. Ray A. Keeny
New Freedom

GRAHAM CRACKER PUDDING

3 cups milk
¾ cup sugar
1 cup Graham Cracker crumbs
1 teaspoon vanilla

Warm milk and add other ingredients; stir until boiling. Remove from heat and cool completely. Then stir in 1 cup of whipped cream.

Mrs. Alvin Martin
Lebanon

Whip up a refreshing Pink Bavarian Cream for dessert this weekend.

FROZEN PEACH CUSTARD

2½ cups milk
¾ cup sugar
3 eggs
1 tablespoon flour
¼ teaspoon salt
1 teaspoon vanilla
1½ cups sliced peaches

Scald 2 cups milk in top of double boiler. Combine sugar, salt and flour and add remaining milk to make a smooth paste. Add flour paste to hot milk and cook until thickened, stirring constantly. Add beaten eggs and cook 2 minutes longer.

Chill and add vanilla and sliced peaches. Pour into freezing tray and freeze. Stir several times while freezing. Makes 6 servings.

Rachel S. Glick
New Holland

(Turn to Page B7)

Featured Recipe

This week's featured recipe comes from Mary Lorenzini, Butler. Mary recently took the top prize in Butler County's Dairy Foods Recipe Contest. To learn more about Mary and the contest, see the story about them in this section.

Zuppa Inglese

Prepare three yellow pound cakes. After cakes are baked, set a side and cool. Meanwhile, prepare filling.

Pineapple cream filling:
Scald 1½ cups milk in top of double boiler.
Meanwhile, sift together into saucepan:
½ cup sugar
2 tablespoons cornstarch
1/8 teaspoon salt
Add ½ cup cold milk, stirring well. Gradually stir in scalded milk.

Stirring gently and constantly, bring cornstarch mixture rapidly to boiling over direct heat and cook for 3 minutes. Pour into double boiler and place over simmering water. Cover and cook about 12 minutes, stirring three or four times. Vigorously stir about 3 tablespoons hot mixture into 3 eggs, slightly beaten.

Immediately blend into mixture in double boiler. Cook over simmering water 3 to 5 minutes. Stir slowly to keep mixture cooking evenly. Remove from heat. Cover and cool. Stir in ½ cups crushed pineapple and 1 teaspoon vanilla extract. Chill in refrigerator. About 3 cups filling.

Then, using the same recipe, add 1½ squares (1 ½ oz.) chocolate to milk and heat to scalding. Beat smooth with rotary beater. Increase sugar to ⅔ cup. Omit pineapple. Add chopped walnuts.

Combine and set aside:
½ cup rum
2 tablespoons cold water

Cut cooled layer of cake in half. Place one split layer on cake dish. Sprinkle with ⅓ of rum mixture and spread with pineapple cream filling. Top with second layer of cake and sprinkle with ⅓ of rum mixture. Spread with Chocolate Cream Nut Filling. Top with remaining cake layer and sprinkle with remaining mixture. Cover with plastic wrap. Place in refrigerator for several hours to chill.

Frost entire cake with either whipped cream or seven-minute frosting. Decorate with chocolate curls and chopped walnuts. Decorate the edge of cake with candied cherries or sugared strawberries.

Recipe Topics

If you have recipes for the topics listed below, please share them with us. You can send your recipes to Sue Keene at Lancaster Farming, P.O. Box 366, Lititz, PA 17543.

July	
7	Outdoor Cooking
14	Vegetable dips, spreads and sauces
21	Fun with fruit

Custards and puddings

(Continued from Page B6)

CHOCOLATE VANILLA PUDDING

3 cups milk
1 cup sugar
3 eggs, separated
2½ tablespoons cornstarch
¼ teaspoon salt
1 tablespoon butter
1 teaspoon vanilla

Scald 2½ cups milk in top of double boiler. Combine sugar, salt and cornstarch. Add remaining milk to make a smooth paste. Add some of hot milk to paste and mix well. Then add paste to hot milk and cook until thickened, stirring constantly. Beat egg yolks and add some of the hot pudding. Then add egg yolks to mixture and cook for 2 minutes. Remove from heat and add butter and vanilla.

Chill thoroughly and top with the following meringue. Beat egg whites until stiff. Add 5 tablespoons sugar and 1 ounce of melted unsweetened chocolate. Continue to beat until meringue has a sheen. Spread on pudding.

Esther Hoover
Ephrata

APRICOT CUSTARD

4 eggs
½ cup sugar
½ teaspoon salt
¼ teaspoon allspice
2¼ cups milk
Apricot halves

Combine ingredients, except apricots, in blender. Pour into quart casserole. Place in pan of hot water. Bake in slow oven - 325°F. - for about 1 hour or until knife inserted in center comes out clean. Cool, garnish top with apricot halves.

Marlene E. Bomgardner
Annville

PINK BAVARIAN CREAM

1 10-ounce package frozen, sliced strawberries, thawed
1 cup boiling water
1 3-ounce package strawberry-flavored gelatin
1 cup chilled whipping cream

Drain strawberries, reserving syrup. Pour boiling water over gelatin, stirring until gelatin is dissolved. Add enough cold water to reserved syrup to measure 1 cup; stir into dissolved gelatin. Chill until almost set.

In chilled bowl, beat cream until stiff. Beat gelatin until foamy. Fold gelatin and strawberries into whipped cream. Pour into 1-quart mold. Chill until firm. If you wish, garnish with additional whipped cream and strawberries. Serves 6.

NEVER FAIL CARMEL PUDDING

1½ cups brown sugar
¾ cup water
4 tablespoons butter
½ teaspoons salt
½ teaspoons soda
6 cups milk
3 eggs, beaten
¾ cup flour
1 tablespoon vanilla

Combine first 4 ingredients and boil for 2 minutes. Add soda, bring to boil, mix together the rest of ingredients and add to first mixture. Cook until thick. Simple and good! You can cut sugar down to 1 cup and is still good but not as sweet.

Mrs. David Martin
New Holland

CHEESE-FRUIT PUDDING DESSERT

2 cups milk
1 8-ounce package cream cheese
1 package instant vanilla pudding
1½ cups drained fruit cocktail
1 cup miniature marshmallows

Gradually add ½ cup milk to soften cream cheese, mixing until well-blended. Add instant pudding mix, then add the remaining milk. Beat slowly for one minute. Stir in the dranined fruit and marshmallows. Decorate with coconut and maraschino cherries. Chopped nuts may be added to the pudding mixure, if desired.

Rosene F. Martin
Myerstown

PUMPKIN PUDDING

8 cups pumpkin, cooked and mashed
2 cups sugar
8 tablespoons flour
2 eggs, beaten
1½ teaspoons cinnamon
1 teaspoon nutmeg
1 cup cracker crumbs
5½ cups milk

Beat eggs, add sugar and flour and stir until smooth. Add spices, pumpkin, cracker crumbs. Then add milk mixing everything together well. Pour into Pyrex baking dishes and place in a 350°F. oven. Bake until nicely browned on top.

Mrs. Daniel Weaver
Boiling Springs

FLUFFY TAPIOCA

3 egg whites
6 tablespoons sugar
3 egg yolks
6 cups milk
6 tablespoons sugar
9 tablespoons tapioca
½ teaspoon salt
1½ teaspoon vanilla

Beat egg white until foamy, and add 6 tablespoons sugar. Beat until it stands in soft peaks. Mix egg yolks, milk, 6 tablespoons sugar, tapicoa, and salt in a saucepan, cook over medium heat until mixture comes to a full boil. Remove from heat, blend with egg white, and add vanilla.

Rebecca Stoltzfus
Honey Brook

BAKED RICE PUDDING

½ cup uncooked regular rice
1 cup water
½ cup sugar
1 tablespoon cornstarch
Dash salt
2 eggs, separated
2½ cups milk
1 tablespoon lemon juice
½ cup raisins
¼ cup sugar

In medium saucepan, stir together rice and water. Heat to boiling, stirring once or twice. Reduce heat; cover and simmer 15 minutes without removing cover or stirring. All water should be absorbed.

Heat oven to 350°F. In mixing bowl, mix ½ cup sugar, the cornstarch and salt. Beat egg yolks slightly. Add yolks and milk to sugar mixture; beat with rotary beater. Stir in cooked rice, lemon juice and raisins.

Pour into ungreased 1½-quart casserole. Place in pan of very hot water (1-inch deep). Bake about 1½ hours, stirring occasionally, or until pudding is creamy and most of liquid is absorbed. Remove casserole from oven, but not from pan of hot water.

Increase oven temperature to 400°F. Beat egg whites until foamy. Beat in ¼ cup sugar, 1 tablespoon at a time; continue beating until stiff and glossy. Drop by spoonfuls onto pudding. Bake 8 to 10 minutes or until meringue is golden brown. Serve warm.

Parents can help make kid's summer more comfortable

Media — Summer heat places additional stress on parents and child care providers. What are some practical things you can do for children to help them stay happy and healthy at this time of the year? Maryetta Dorricott, Delaware County Extension home economist with the Penn State University, says children's summer comfort can be somewhat assured if you provide additional baths, light nourishing food, careful exposure to full sunlight and sufficient rest. On particularly hot days it is useful to bathe an infant or young child twice a day, usually before a nap or in preparation for the night's sleep.

Preschoolers want to be outside most of their waking hours. They must be protected from over-exposure to the hot sun as well as from over-exertion. During the hottest part of the day, usually from 10 a.m. to 2 p.m., it is wise to provide play activities in areas of partial shade. The more quiet activities such as building with blocks, playing with puzzles, coloring, playing with clay, blowing bubbles, or playing in a shaded sandbox or kiddie pool, are recommended.

Of equal importance is the preparation of hot-weather menus for children. Although summer appetites may wane, children consistently need a sufficient amount of protein foods as well as fruits and vegetables. Children may prefer to "live on" pop and snack foods for the duration of the summer, but can be taught the importance of a healthy diet.

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Stress plays key role in diet choices

SOUTHAMPTON, PA. — Nutritionists have long proposed that a relationship exists between diet and behavior and the way we feel according to the Dairy Council Inc. And one type of behavior pattern almost inescapable in today's contemporary lifestyle is stress.

There are two types of stress: physiological stress is biological reaction to physical injury, such as severe burns; psychological stress is reaction to mental conflict.

Persons tend to translate psychological stress patterns in individual ways. Some of us eat more when angry, bored, or depressed. Others can't eat at all. Persons under stress even complain of reduced tasting ability. We may not even realize the extent of stressful conditions until we experience symptomatic reactions.

Stress can create dietary malfunctions, such as sugar cravings, which could lead to high blood sugar levels. And when we're stressed, we tend to store more sodium and fluids. This water retention creates a vicious cycle: the more stressed we are, the more we store; the more we store, the more stressful we feel. Persons should decrease sodium intake and increase fluid intake to alleviate stress.

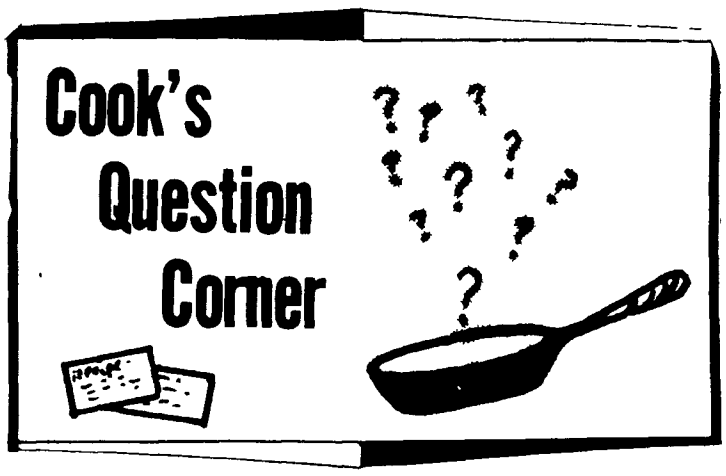
Studies show that milk may be an ally against stress since milk contains the amino acid tryptophan, which acts as a natural sedative to our system.

Milk may also be good for those suffering from hypertension. Though the exact cause of hypertension is unknown, a variety of factors, including emotional stress, influence an individual's blood pressure. A relatively new and promising area of medical research points to dietary calcium as playing a key role in regulating blood pressure. Research findings from several scientists across the country suggest that a low intake of calcium increases blood pressure and, conversely, increasing the amount of calcium in the diet may protect against the disease.

Abnormal eating behavior, such as food fads and weight reduction schemes which can result in anorexia nervosa or compulsive overeating and often leading to obesity–is often associated with psychological stress. In general, nutrient requirements of stressed individuals are influenced by previous nutritional status; the nature, frequency of intensity, and durati[illegible] the stress; and the amount and type of nutrients lost from the body.

For the stresses encountered in daily living, nutrient intakes in excess of the Recommended Dietary Allowances are usually unnecessary.

In general a normal diet consisting of varied foods from the four food groups–milk, meats, fruits and vegetables, and grains–in moderate servings should provide the nutritional backup needed to counter transient stress conditions.



ANSWER - Mrs. G. Martin, Ephrata, requested a recipe for strawberry shortcake. Thanks go to Charlotte Stratton, Chambersburg, and to Susan Esh, Gordonville, who shared their recipes.

Sweet Cream Shortcake

¾ cup cream heavy or whipping
1 egg
¼ cup sugar
1¼ cup sifted flour
½ teaspoon salt
2 teaspoons baking powder

Beat together cream, egg and sugar. Sift in dry ingredients and mix. Put into greased round 8-inch cake pan and sprinkle a little sugar on top if desired. Bake at 350°F. for 25 minutes. When done, cut into wedges, split wedges and serve warm with crushed strawberries, peaches, etc. and a pitcher of whole milk or a dollop of whipped topping. Delicious!

Shortcake

½ cup sugar
1 egg
4 tablespoons melted butter
½ cup milk
2 tablespoons baking powder

Combine all ingredients and beat. Bake 30 minutes at 350°F. Delicious with strawberries and milk.

ANSWER - Mrs. Lois Delp, Dimock, asked what Clear Jell is and where to buy it. Thanks go to Mrs. Eli Stoltzfus, Gap, for answering her question.

Clear Jell

I don't know what it is made of, but it is a white powder, almost like cornstarch, and can be bought (usually in plastic bags) at the following stores: Shady Maple, Yoder's of New Holland, Zimmerman's in Intercourse, Kauffman's Fruit Farm, along Route 340, Sleepy Hollow Kountry Store in White Horse, and 322 General Store in Ephrata.

QUESTION - Mitz Zook, Belleville, is still looking for a recipe for bagels.

QUESTION - Julia Euclide, Delta, is still looking for ice cream recipes that use little or no cream.

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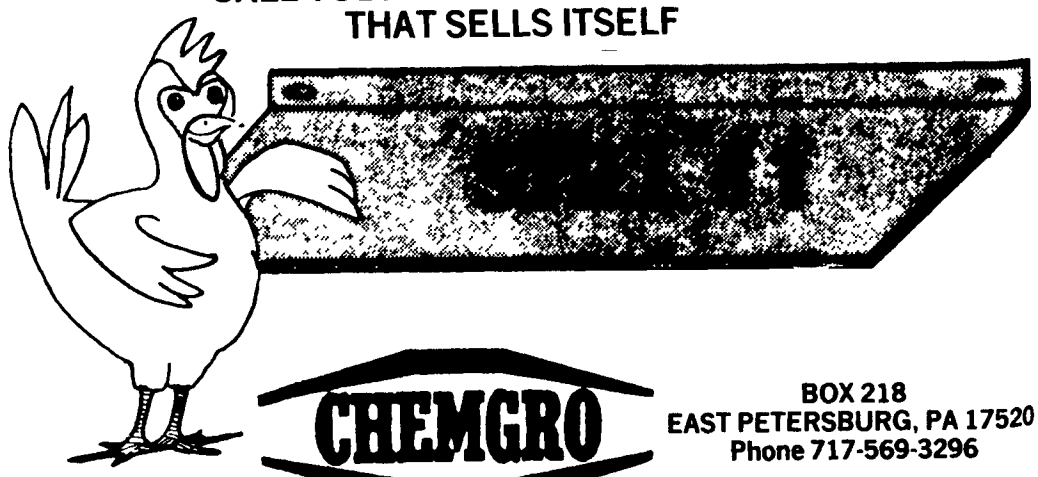
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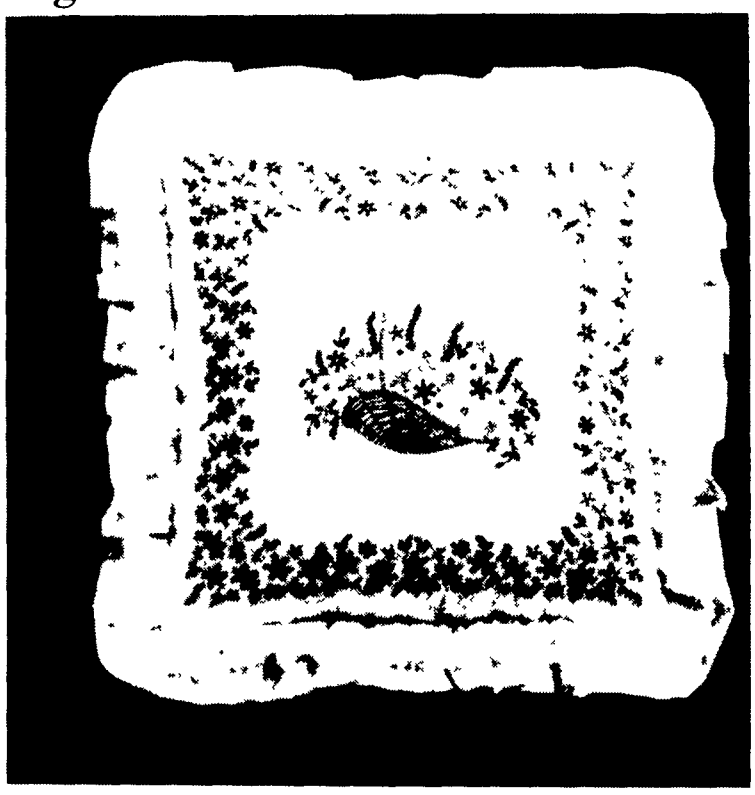
CRAFT CORNER

Fast ribbon stitching

With a few simple techniques and the right ribbons, ribbon stitching can be faster, fresher and far more colorful than classic floss embroidery. By couching ribbons, for example, a basket design like the one shown here works up surprisingly quickly and easily.

The "Ribbon Basket" shown is made from a kit by Charmin. The kit contains ribbons for stitching, cotton floss, needle, lace, instructions and pillow fabric with silk-screened design. Along with the couched basket, the pillow design includes straight-stitch, french knot and lazy daisy flowers.

To order kit C-0722, send $14, including postage & handling, to Ellen Appel Crafts, your newspaper's name, Box 1144, Laguna Beach, CA 92652. (California residents, please add 6 percent sales tax.)



The couching stitch, as used in the basket, is a classic embroidery technique that adapts beautifully to ribbon stitching. As long as you work with ribbons that are soft enough to be flexible and skinny enough to fit through a needle, you'll learn the technique in no time.

Shapes such as the flower basket are ideal for couching. The woven look of the basket lends to long ribbon lines that are couched, or tacked down, with more ribbon stitches. Not only do the tacking stitches shape the design, but they also add beautiful texture.

Here are directions for ribbon stitching and, especially, the couching technique:

MATERIALS: Soft, skinny ribbons, fabric, needle, scissors, embroidery hoop. (Note: Supplies are not necessary if you're working with a kit.)

PREPARATION: 1. Draw design lightly on fabric. 2. Position fabric in hoop.

RIBBON STITCHING DIRECTIONS: 1. Knot end of ribbon tightly. 2. Stitch ribbons over design lines, using stitch techniques as desired. 3. Anchor ribbon firmly in back. 4. Never pull ribbon tightly; the fabric will pucker. 5. Do not take ribbon long distances between design areas. Instead, end off and begin again. 6. End off by running end of ribbon under several stitches in back.

COUCHING: 1. To start a couched stitch, stitch your ribbon from one end of your design line to the other. Lay ribbon along line to be covered. 2. With a separate strand of ribbon, come up beside your ribbon line. Take a tiny tacking stitch over ribbon. 3. Repeat step two at intervals along the ribbon line. Space couching stitches as evenly as possible. 4. Be sure to cover all design lines completely.

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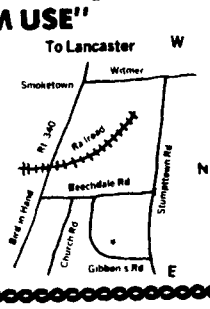

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Would you think about having one of these children as your guest for only two weeks this summer? Contact before July 4.

The Fresh Air program, run in Pa. for the past several years, will again be presented July 11 to August 1. It's a once in a lifetime experience for these children... and you, as well as your family, may come to see through your Fresh Air guest's eyes a new beauty and new meaning in commonplace things you've always taken for granted.

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For more information on the program, call Carol Stark 717-367-5207, Bondia Snook 717-367-1354, E-Town, Mt. Joy & Columbia Area. Or Write to: Friendly Town, 70 W. 40th St., New York, N.Y. 10018. Phone (212) 221-0900 New York Area. Or Call Lanc. Area. George Beiler (717) 786-2975.

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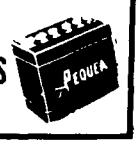

Kid's Korner

Volcanoes create natural fireworks

WASHINGTON — For the first time since records have been kept, four American volcanoes apparently erupted on the same day this year.

At the center of the far-flung fireworks was Mauna Loa in Hawaii, the world's largest active volanco. It began its first eruption since 1975 early in the morning of March 25, sending a threatening river of lava toward the port city of Hilo. The eruption ended three weeks later.

On March 30, while Mauna Loa's glowing flow was still going strong, Hawaii's only other active volcano, the smaller Kilauea, had a brief eruption. That alone was quite an occasion: Scientists at the Hawaiian Volcano Observatory say it was the first time in 116 years that both volcanoes had "vigorously fountained" on the same day.

Others on Mainland

While all this was happening in Hawaii, Washington state's Mount St. Helens, whose violent eruption that killed 60 people in 1980, belched out a towering plume of smoke and steam.

And to top it all off, Veniaminof, a volcano on the Alaskan Peninsula, almost certainly erupted that day, U.S. Geological Survey volcanologists say. But a helicopter sent to check it out ran into bad weather and couldn't verify the eruption.

"We probably had a quadruple event," says Robert I. Tilling, a volcanologist at USGS headquarters in Reston, Va. "It's the first known instance of that in the United States."

The four eruptions, Tilling says, were unrelated. Even the two Hawaiian volcanoes have separate power sources.

In itself, the relatively gentle eruption of the 13,680-foot Mauna Loa wasn't that unusual. Since its first recorded eruption in 1832, through 1950, it averaged one eruption every 3.6 years. It was somnolent from 1950 until 1975.

The 4,090-foot Kilauea, on Mauna Loa's southeast slope, has been much more active in recent years. It's been erupting periodically since January 1983.

All Volcanoes Different

Volcanoes are like people, Tilling says. "People are individuals. There's only one of a kind of a particular person, and volcanoes must be considered the same way. They share certain common characteristics, but each volcano is distinctive."

Like the other Hawaiian volcanoes — both of the active ones are on the "Big Island" of Hawaii, largest and newest in the archipelago — Mauna Loa and Kilauea are "shield" volcanoes, so named because their broad, gradual slopes resemble an inverted shield.

Their shape is formed by the comparatively smooth, gas-free type of lava that periodically squeezes out of the "hot spot" reservoirs of magma, the pools of molten rock bubbling more than 30 miles below the Earth's surface.

Unlike some other types of volcanoes, whose explosive violence has taken an estimated 200,000 lives over the past 500 years, the Hawaiian volcanoes have caused only one known death since records have been kept. Property damage is another matter.

The death occurred in 1924, when an over-eager photographer ignored warnings and rushed forward to record a "phreatic" explosion on Kilauea, a bottled-up blast of steam caused by water seeping onto the magma.

The more common type of Hawaiian eruption is preceded by earthquake activity and swelling of the mountain, followed by lava flows that may continue for months. Brilliant lava fountains, hundreds of feet high, may accompany the eruption.

Despite their comparative safety, the Hawaiian eruptions are awesome, sometimes terrifying spectacles, displays of nature's power that demand respect.

Witness Describes Blast

After flying over the latest Mauna Loa eruption at night, a visitor described "a suffused fire...Minutes later the plume resolved into a crimson, sickle-shaped glow, not unlike the emission from a blast furnace."

Three days later, from her campsite some 20 miles distant from the lava flow, she wrote: "A smoldering ribbon of 15 miles of molten lava glowed like peat newly-fanned by a draft from an open door. It was not unlike a double-carnation lei, unfastened and stretched along the horizon."

Tilling of the USGS and his associates at the Hawaiian Volcano Observatory aren't that poetic, but they're enthusiastic about what they expect to learn from this eruption.

It was, says Tilling, "one of the best-monitored, the best-studied of the Mauna Loa eruptions, because ever since the one in '75, when I was there, we subsequently have greatly increased the instrumentation, the scientific networks on the mountain.

"It's going to be the best data base for a Mauna Loa-type eruption. My guess would be that when we have a chance to really analyze that data, we're going to discover all kinds of things that we didn't know before."

Some things the scientists may never know. Hanging over every

(Turn to Page B12)

Kilauea, one of Hawaii's two active volcanoes, erupts in a fiery tower of lava, sending a glowing river down its slopes. The 4,090-foot volcano has erupted periodically since January 1983. Earlier this year, it erupted the same day as three other American volcanoes - the first known quadruple event in this country, volcanologists say.

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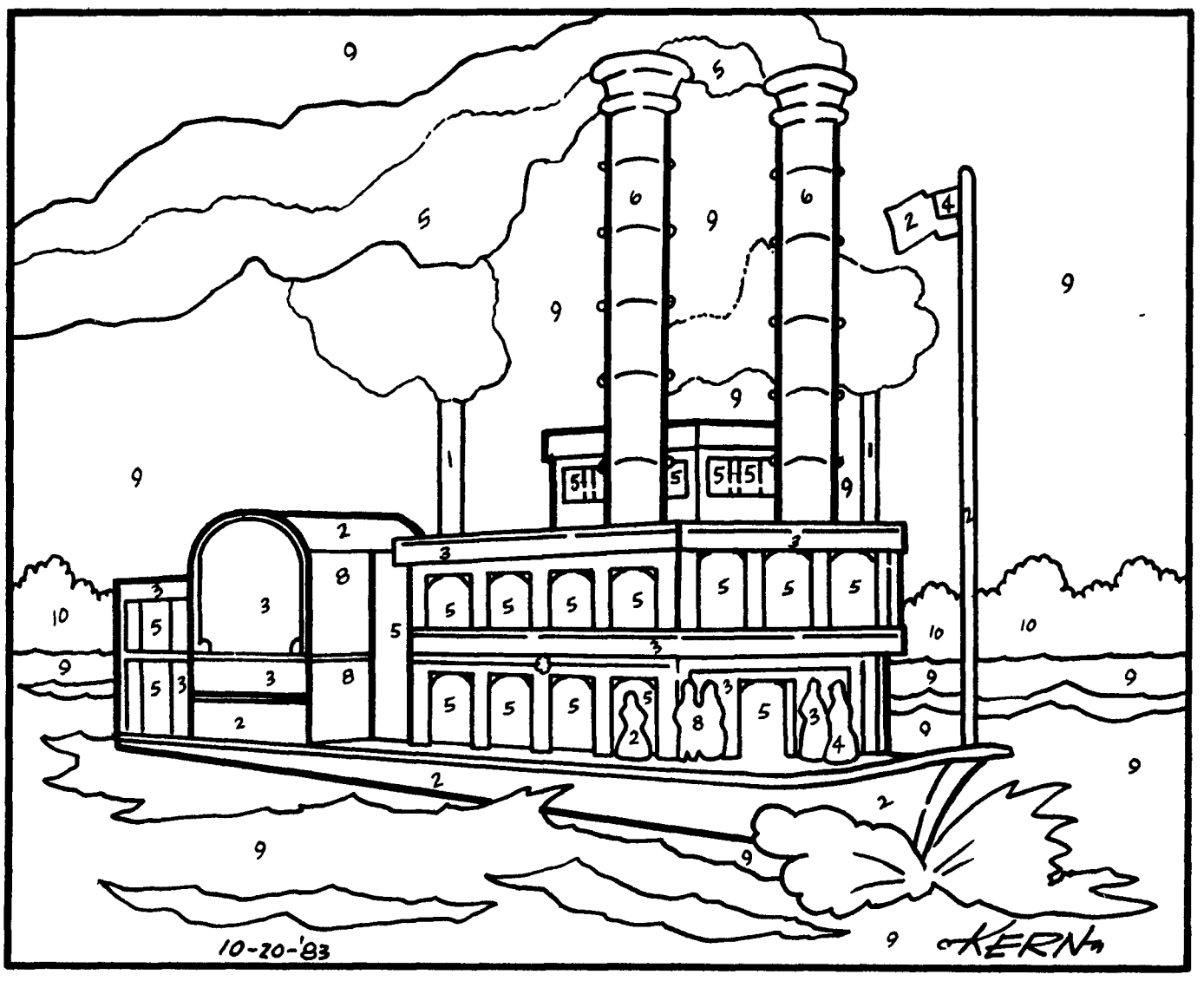

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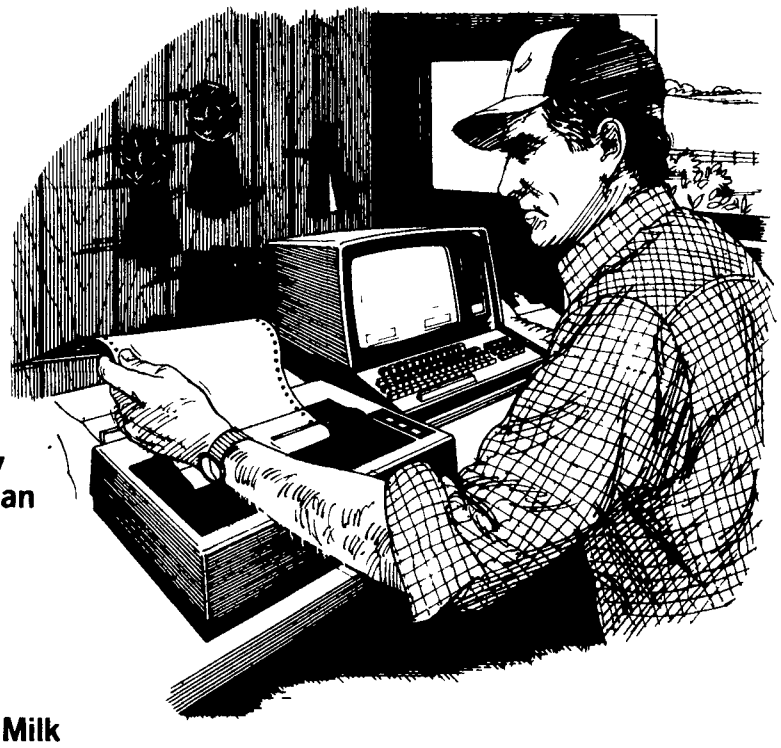

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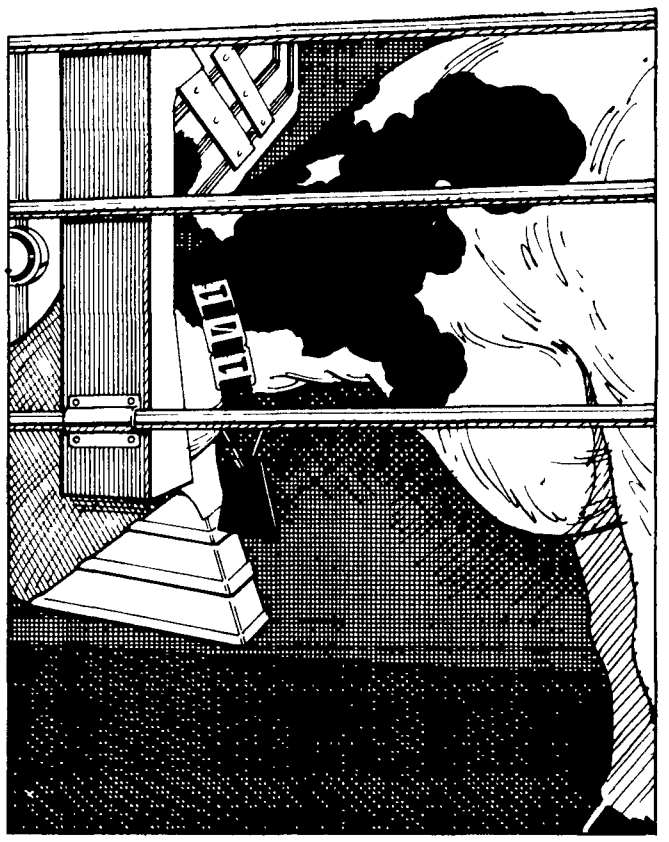

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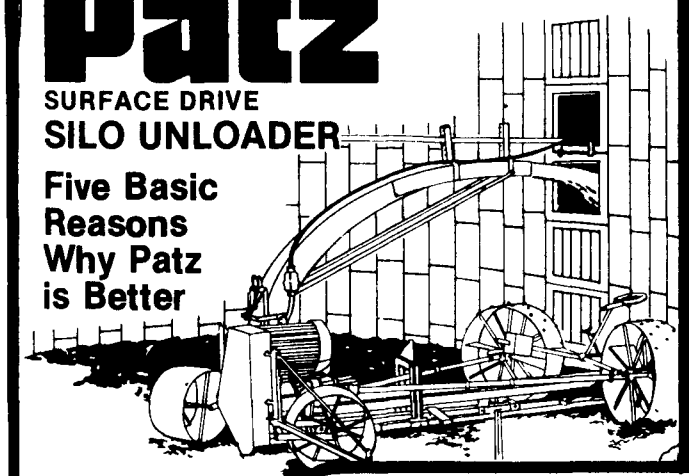

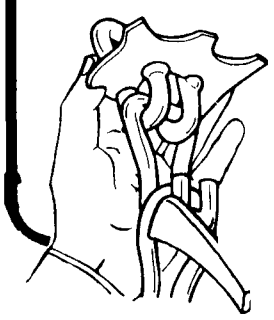

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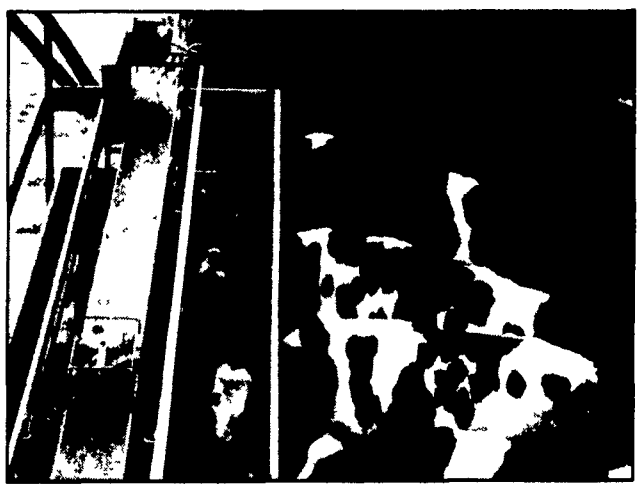

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Ida's Notebook

Ida Risser

As predicted, my strawberries and sugar peas kept me too busy. When I planted them, I didn't know my one helper would take a sumer job in Ohio.

For the past two weeks, I've picked an average of 30 quart a day or 360 quart so far. And, I'm not nearly finished as I leave my peas stand to bloom a second time. These are the ones that I will freeze since the first crop gets sold. Now that is a job in itself – phoning customers and setting up times and days when it suits them to use the berries and peas.

During this period, I become a short-order cook. I put three nice meals on the table, but they are not menus that take a long preparation time. Shortly after I was married, I attended a Homemaker's Day where a speaker told us that one-half an hour was sufficient to make a meal if you planned properly. This advice must have impressed me as I've stuck to it all these years.

There are certain foods that seem to go together. When I have chicken and mashed potatoes, I think that I should cook peas with it. Or when I make baked beans and hot dogs, I feel red beets are a nice complement. During this busy season, I did take time to make strawberry shortcake several times, but even this delicious dessert can be made in minutes.

They say variety is the spice of life. We use a lot of potatoes and I have at least ten different ways of serving them. But when I was younger at home, we always had raw fried potatoes for each and every supper meal year in and year out. That surely saved time in planning what to cook. Maybe we had them so often because my father claimed it was his favorite dish.

Somehow I must catch my breath before our daughter and her family from Seattle visit us for a few days the end of June.

Volcanoes

(Continued from Page B10)

Hawaiian eruption is the ancient shadow of Pele, the volcano goddess.

"Even today, long after most of the old religion has disappeared and been forgotten, during eruptions one commonly finds offerings to Pele on the lava flows or around the edges of the crater, left by people who still firmly believe in her," according to a book, "Volcanoes in the Sea: the Geology of Hawaii."

Tilling, who lived in Hawaii for four years during the 1970s, recalls one woman who always visited the Big Island during eruptions. "She would toss in a bottle of gin and some ohelo berries," he says.

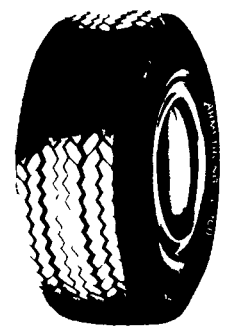
"It was always considered a traditional offering, but one wonders how traditional it is when you're talking gin."

Lancaster 4-H Dairy Club

The Ayrshire, Jersey, Brown Swiss 4-H dairy club met recently at the home of James Spickler.

County Agent Glenn Shirk demonstrated "How to Clip and Show an Animal," and each member got an opportunity to practice.

Following the demonstration the meeting consisted of definite plans for a dairy club dance at the round-up, and the topic for the calf dressing contest at next month's show.



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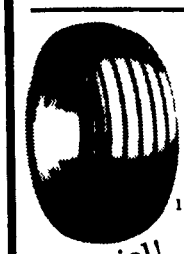

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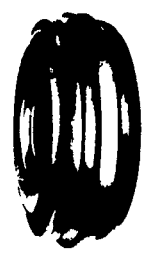

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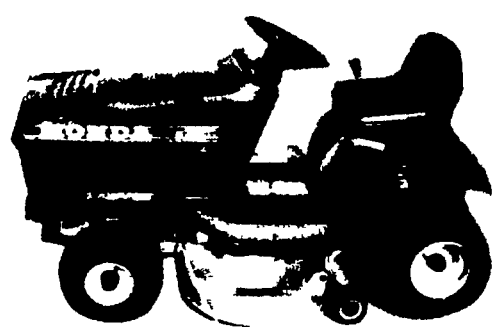

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4-H members prepare for Montgomery County 4-H Fair

NORRISTOWN — It's that time of year once again! The time of year when Montgomery County 4-H members begin readying their projects for their main event, the Montgomery County 4-H Fair. The fair will be held August 16-18 at the 4-H Center. The Center is located on Snyder Road off Rt. 363 between Sumneytown Pike and Allentown Road in Lansdale.

The fair has something of interest for everyone. The 4-H members will exhibit their projects in various competitions. Although participation in these events is usually limited to 4-H, the public is welcome to come and watch the proceedings.

In addition to these events, there are many other attractions which are open for public participation. The public will be able to compete in open classes in foods, arts and crafts, and clothing. For more information and entry requirements please contact the Extension Office (277-0574).

For animal enthusiasts there will be a Paso Fino horse demonstration, a seeing eye puppy demonstration, a pet parade open to all boys and girls, and a frisbee dog contest and clinic in which the public can participate. Just for fun there will also be carnival style game booths, a celebrity goat milking contest and a fun olympics for all boys and girls.

These are only a few of the many exciting events planned for the fair this year. For a schedule of fair events or more information call Jim Nitterauer at the Extension Office at 277-0574 or write to: 4-H Office, Cooperative Extension Service, 400 Markley Street, Norristown, Pennsylvania 19401.

Spring Mills 4-H Club

The Spring Mills 4-H Club met at the Spring Mills Lutheran Church on June 12.

The group elected Lori Tice, vice president; Niki Myers, secretary; Jennifer Arndt, secretary's helper; and Gary Rossman, reporter.

Each member received a family picture from the 4-H family dinner.

The group decided to have a float for the Grange Fair. A county-wide picnic is scheduled at the Millheim Pool on July 22 at 2:30.

The group's next meeting will be on July 10 at 7:30 p.m. in the Spring Mill's Lutheran Church.

Pets and plants need special attention during vacations

NEWARK, Del. — If you're planning a trip this summer, what arrangements will you make for your pet? You could solve the problem with the help of a friendly neighbor. Or, you might leave your pet at a boarding kennel. But if you decide to take it along, University of Delaware extension agricultural agent Dave Woodward has some advice about traveling with an animal.

Before the trip, make sure your pet has had a rabies vaccination and a distemper-hepatitis booster. Have a veterinarian check the animal for minor skin ailments, ear infection, or anything else that could become an acute problem on the trip.

It's also wise to find out about regulations regarding pets in the area you plan to visit, especially if you are leaving the United States. Are pets permitted at motels and camping areas where you plan to stop?

If your pet is not accustomed to automobile travel, prepare it by taking it on several Sunday afternoon rides before the vacation.

Consider the pet's comfort while traveling. It's unfair to expect a frisky animal to stay cooped up in a too-small cage for long periods. Include exercise and relief stops in your driving schedule. When the animal is allowed out of the vehicle, though, be sure it is on a leash. Many a vacation has been ruined when a pet darted off at a rest stop.

Make sure the animal gets enough water and, if possible, its regular food. If you must leave your vehicle with the animal shut in, open a window and park in a shaded area. Keep these precautions in mind, Woodward says, and your pet can be a good traveling companion.

To keep houseplants watered while you're away. Cut a strip of cloth two inches wide and two feet long. Put one end in a pail of water that is higher than the plant, and bury the other end in the soil around the plant.

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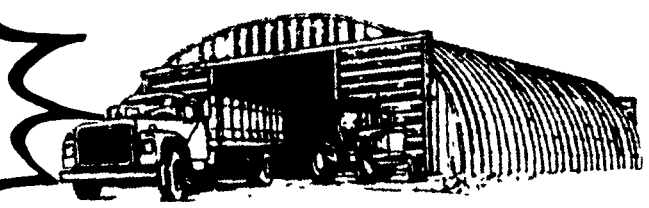

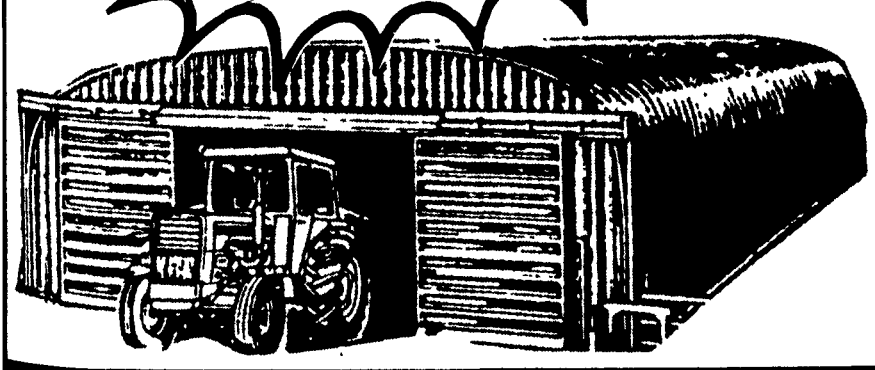

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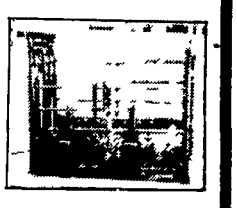

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Celebrate July 4th with a cookout!

BY SUZANNE KEENE

LANCASTER — Whether your Fourth of July celebration plans include staying at home to catch up on some neglected lawn and garden work or a spending the day in the park or at the shore, food will probably be an important part of your plans.

Heat up the barbecue grill, arrange the lawn chairs, set the picnic table and prepare for one of summer's treats - a family cookout. A baseball or volleyball game before dinner will surely have appetites primed for the cookout, so you'll want to prepare something special and tasty.

Menu options are nearly endless, ranging from favorite standby's like barbecued chicken and potato salad to barbecued ribs with orange sauce and party potatoes. No summer meal is complete without fresh vegetables and fruit, so be sure to include these in your menu as well.

LEMON TART POTATOES

4 large potatoes, pared and cubed
¼ cup butter or margarine, melted
1 teaspoon grated lemon peel
¼ cup lemon juice
2 teaspoons salt
¼ teaspoon nutmeg
¼ teaspoon coarsely ground pepper
1 green onion (with top), chopped

Cook potato cubes in 1-inch boiling salted water (½ teaspoon salt to 1 cup water) just until tender; drain. Combine remaining ingredients; toss gently with potatoes. Spoon onto 20 x 14-inch piece of double thickness heavy-duty aluminum foil. Wrap securely in foil. Let stand at room temperature 1 hour.

Place on grill 4 inches from medium coals. Cook 30 minutes, turning once. Makes 4-6 servings.

VEGETABLE KABOBS

8 7-inch skewers
4 small zucchini
Fresh whole mushrooms
Cherry tomatoes

PARMESAN BUTTER SAUCE

6 tablespoons (¾ stick) butter
¼ cup grated Parmesan cheese
1 tablespoon lemon juice
½ teaspoon leaf oregano

Cook zucchini in small amount of boiling water about 10 minutes; cut in ½-inch slices. To prepare Sauce; Melt butter; stir in cheese, lemon juice and oregano. To prepare Kabobs: Alternate zucchini, mushrooms and tomatoes on skewers. Place on grill 5-6 inches from coals. Cook 8-12 minutes turing occasionally and brushing with Parmesan Butter Sauce.

GRILL-BROILED CHICKEN WITH SESONED BUTTER BRUSH-ON

½ cup (1 stick) butter
¼ cup lemon juice
1 tablespoon (½ envelope) garlic salad dressing mix
2 broiler-fryer chickens, quartered

Melt butter; blend in lemon juice and salad dressing mix. Brush chicken with seasoned butter. Place on grill, cut side down, 5-6 inches from coals. Cook about 1 hour; turning and brushing with seasoned butter about every 10 minutes.

NOTE: if chicken seems to be cooking too fast, move grill further from coals or spray a little water on coals to lower heat.

SUMMER SUSAN FRUIT SALAD

Line a large platter with lettuce leaves. Place a small low bowl in center of platter. Line bowl with lettuce leaves; fill with cottage cheese. Arrange groups of fresh fruit on platter. Serve with Honey Orange Cream Dressing.

HONEY ORANGE CREAM DRESSING

2 tablespoons honey
2 tablespoons orange juice
1 cup dairy sour cream
Grated lemon peel

Blend honey and orange juice; gently fold into sour cream. Chill. Garnish with orange peel.

BARBECUED COUNTRY-STYLE RIBS

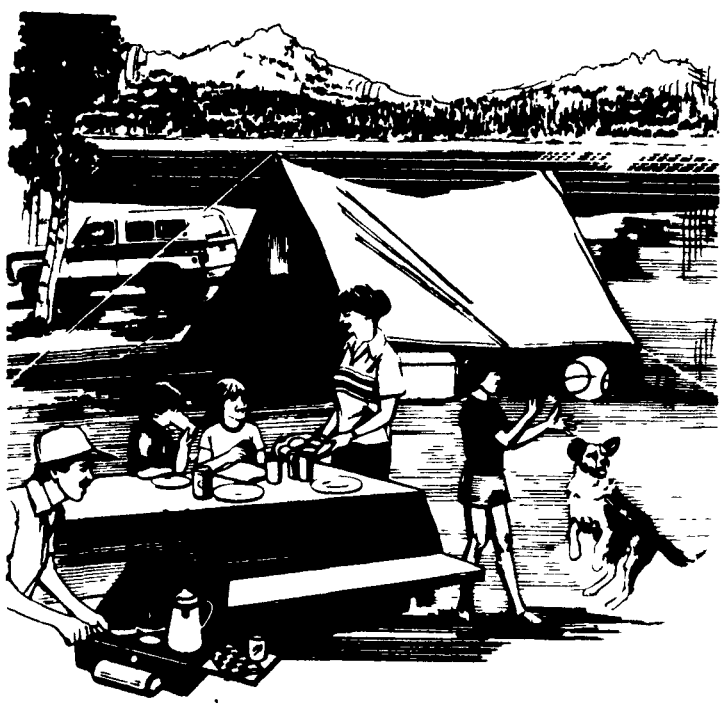
Place 4 pounds country-style ribs in large pan. Add enough water to cover. Cover; heat to boiling. Reduce heat; cook 1 hour. Remove ribs; drain. Place bone side down on grill 3 inches from medium coals. Cook about 30 minutes, turning frequently.

Prepare Orange Sauce, below. Spoon sauce on ribs; cook 5 minutes. Turn; spoon sauce on ribs and cook 5 minutes longer or until ribs are done.

ORANGE SAUCE

⅓ cup orange marmalade
¼ cup lemon juice
¼ cup soy sauce
1 clove garlic, minced
2 teaspoons cornstarch
2 tablespoons water

In saucepan, mix marmalade, lemon juice, soy sauce and garlic. Mix cornstarch and water until smooth; stir into saucepan. Cook, stirring constantly, just until mixute thickens and boils.



CREAMY MACARONI SALAD

1 ¼ cups uncooked macaroni
1 cup cottage cheese
¾ cup chopped celery
½ cup chopped green pepper
½ cup grated carrot
¼ cup finely chopped onion
1 teaspoon celery salt
1 cup dairy sour cream

Cook macaroni according to package directions; drain. Place in cold water for 5 minutes; drain. Mix together cottage cheese, celery, green pepper, carrot, onion and celery salt; carefully fold in sour cream. Toss lightly with macaroni. Chill thoroughly.

CUCUMBERS 'N' CREAM

½ cup vinegar
½ cup water
1 teaspoon salt
5 peppercorns
1 large cucumber, thinly sliced
1 medium onion, thinly sliced
1 cup dairy sour cream

Combine vinegar, water, salt and peppercorns; add cucumber slices. Cover and chill about 2 hours; drain thoroughly. Gently combine cucumbers with onion and sour cream.

ZESTY POTATOES

Cook 4 medium unpared potatoes in 1-inch boiling salted water (½ teaspoon salt to 1 cup water) just until tender. While hot, cut unpared potatoes diagonally into ½-inch slices. Place in shallow glass dish; pour ½ cup Italian salad dressing over hot slices. Let stand 1 hour, turning slices once.

Place on grill 3 inches from hot coals. Cook 8 to 10 minutes on each side or until golden brown. Season with 1 teaspoon salt and ¼ teaspoon pepper after turning.

Follow wash instructions

NEWARK, Del. — Children's sleepwear up to size 14 must be flame retardant — a law designed to prevent the tragic loss of children's lives. But parents often nullify the benefits of this law by using laundry methods that destroy the manufacturer's flame retardant finish.

Parents commonly believe baby clothes should be washed in soap to maintain their softness. Unfortunately, soap leaves a residue on clothing. And that residue can catch fire.

To maintain the flame retardant finish, children's sleepwear of 100-percent cotton should be washed with either a phosphate detergent or a heavy-duty liquid detergent, says University of Delaware extension home economist Roxane Whittaker. Sleepwear made of synthetic fibers may be washed in any type of detergent. Bleaches will ruin the flame retardant finish on most fabrics over a period of time.

Read and save the care labels on children's sleepwear, the home economist advises. By following the washing instructions carefully, you will maintain the garment as well as its flame retardant finish.

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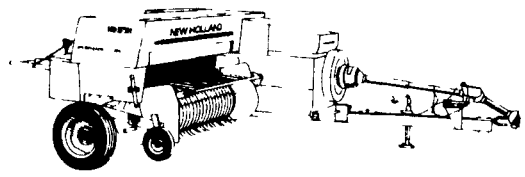

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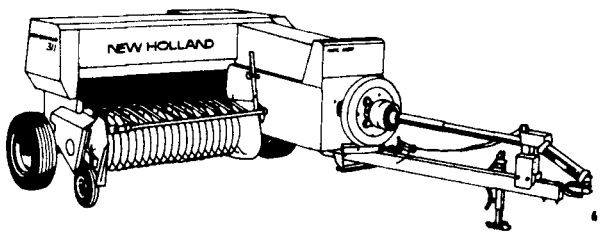

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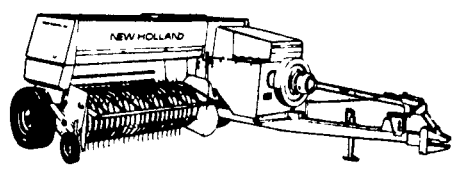
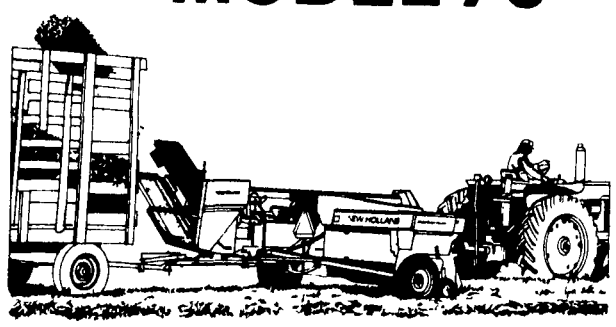
These Machines Are Designed To Be Even More Rugged And Reliable. We've Got three 14x18 models from which to choose so that you can match your capacity needs. Ask for a demonstration today.



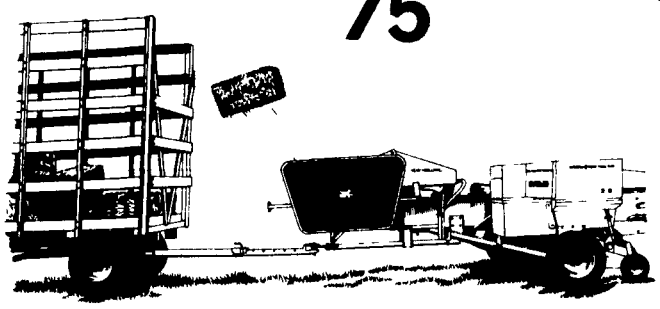
MODEL 320

- TAKE YOUR CHOICE - HYDRAULIC OR BELT THROWER

MODEL 70



MODEL 75



Now you can get the thrower you want from Sperry New Holland - the high capacity model 70 belt type or the versatile, model 75 hydraulic. Both units are rugged, reliable and offer a variety of controls that will give you pinpoint accuracy. The model 70 makes a direct, low trajectory throw to the wagon. Bales thrown by a model 75 move in a steeper trajectory so wagons with higher front end gates can be used. Take your pick!

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5% A.P.R.	6% A.P.R.

Financing for 18 months. (Monthly or quarterly payments required)

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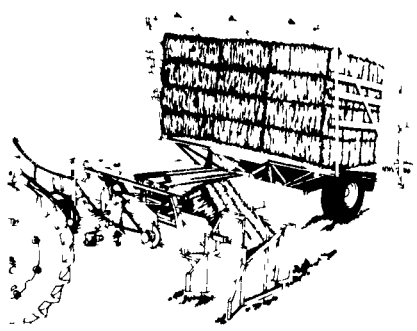
3. **CASH REBATES IN LIEU OF SPERRY NEW HOLLAND FINANCING.**

- 1000 AND 1030 SERIES AUTOMATIC BALE WAGONS - "THE LABOR SAVERS"

MODEL 1037



Talk about making a job simple and easy, nothing beats the automatic bale wagon from Sperry New Holland. Pick up, haul and stack all your bales automatically without all that back breaking labor. Choose either the economical Model 1003 with 83 bale capacity or the model 1037 which hauls 104 bales 14x18. Only Sperry New Holland has it - ask your dealer for a demonstration today.

MODEL 1003

1984 Perry County Dairy Princess Nancy Dum; first alternate Theresa Kling, and second alternate Jo Ann O'Toole will represent Perry County's dairy industry in the coming year.

Nancy Dum wears Perry Co. Dairy Princess crown

NEWPORT — Nancy Dum was crowned the 1984 Perry County Dairy Princess at the recent Heritage Days Festival in Newport. She is the daughter of Mr. and Mrs. Ben Dum of Elliottsburg. First alternate was Theresa Kling, daughter of Mr. and Mrs. Lynn Kling. JoAnn O'Toole, daughter of Mr. and Mrs. Frank O'Toole, was chosen as second alternate.

Nancy will now represent Perry County at the state pageant in late September, where over 40 young ladies will be trying for the title of Pennsylvania Dairy Princess. In addition, she will begin a busy year promoting the dairy industry through appearances at schools, supermarkets, farm and civic meetings, and parades, as well as through the radio, television, and newspaper media.

Co-chairpersons of the Dairy Princess Committee were Gladys Albright and Jane Benner. Other committee chairmen were: Gladys Albright, Nancy Neely, Robert Gabel, Gail Kriebel, Mr. and Mrs. David Roth, Sr., Jackie Brubaker, and Kimberly Kriebel.

The official judges for the pageant were Sue Beshore, New Cumberland; Ann Kopp, Middletown; and Kenneth Davis, Carlisle.

Official escorts for the contestants were Clifton Brubaker, West Perry High School FFA; Roy Kanagy, Newport High School FFA and Greenwood High School FFA.

Penny Barner selected SUN Area Dairy Princess

LEWISBURG, Pa. — SUN Area Dairy Princess for 1984-85, Penny Barner, representing Northumberland, Montour, Snyder, Union Counties, was crowned during a pageant on Saturday, June 16 at Susquehanna Valley Mall. Penny is the 16-year old daughter of Mr. and Mrs. Kenneth Barner, Sr., R1, Port Trevorton.

Penny was crowned before a capacity crowd in Boscov's Auditorium, by 1983 Dairy Princess Janell Mort, daughter of Mr. and Mrs. Robert Bechtel from R1 Klingerstown. The alternate princess in the contest was Judi Troxell, daughter of Mr. and Mrs. Floyd Troxell, R1 Middleburg.

The new SUN Area Dairy Princess, who was also named "Miss Congeniality" during the pageant, will spend much of her reign traveling throughout the multi-county area, attending public functions and promotional events on behalf of Pennsylvania's 15,500 dairymen.

The Dairy Princess Contest climaxes a full week of promotional activities which featured the theme of "Milk-Milk's Got More." Special activities featured on Saturday were the serving of milk punch, cheese and popcorn with real butter. A calf petting display and ice cream eating contest were highlights of the day's activities. Several thousand individuals viewed the various dairy industry displays featured at the Susquehanna Valley Mall during "Dairy Week", June 11-16.

Penny will represent the SUN Area in the state pageant to be held in Harrisburg in September. During her year's reign, Penny will be available to meet with any groups interested in learning more about Pennsylvania's leading farm industry which produces more than four billion quarts of milk each year.

1984-85 SUN Area Dairy Princess and her alternate, Judi Troxell, will be representing the dairy industry throughout the coming year.

Angie Colyer

Angie Colyer crowned Juniata Dairy Princess

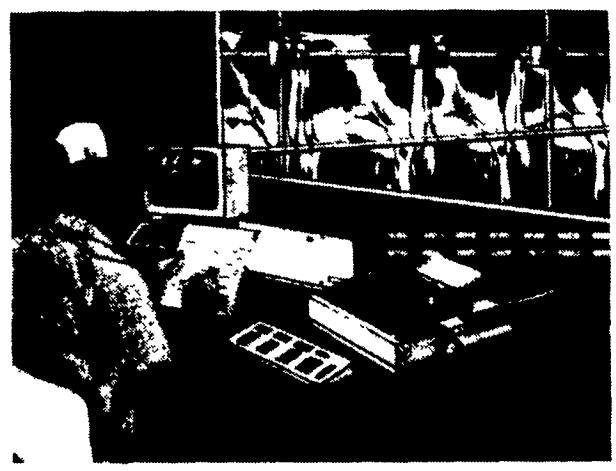
McALISTERVILLE — Angie Colyer was crowned 1984 Juniata County Dairy Princess last Saturday evening during a pageant held at the McAlisterville Community Park.

(Turn to Page B17)

Computerized Dairy Farm Management Systems Codatron The name alone says High Tech To be successful in dairying today you know how important it is to be in complete control of your feeding program and to have all the information possible on each and every cow in your herd -That s why Westfalia has developed the finest dairy computer system available anywhere

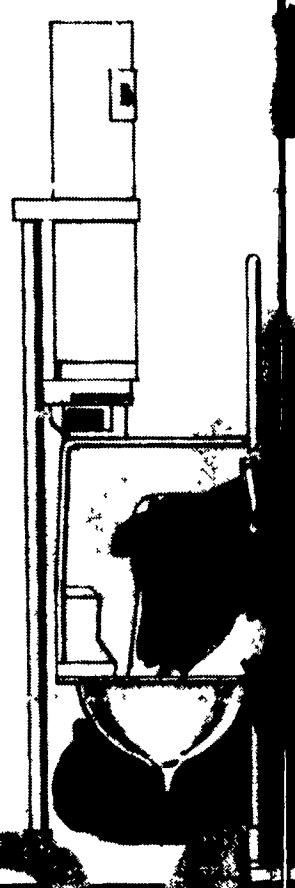
The system is quality built from its rugged feeding stall to its state-of-the-art electronics It's basically foolproof because everything is micro processor controlled Now reports of herd condition and performance are available at your fingertips Ration adjustments can be made quickly and easily You'll be alerted to problem cows fast

And that s not all The Codatron is designed for expansion into parlor milk data functions and home computer interfacing And of course the Codatron is backed by the ever expanding Westfalia sales and service network nationwide



The story behind the design: Now the Codatron System will help you attain full control over your dairy operation

The Codatron central memory control center installs easily in your office or home Here you'll be able to call up herd information at the push of the buttons on Codatron's simple and easy-to-understand control panel The Codatron Printer prints out large easy-to-read reports



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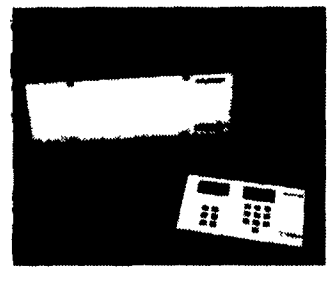
Westfalia CODA

Maximizes milk production and

Let Us Show You The Advantages Of Westfalia's Codatron Computerized Feeding System Recently Installed At The Randy Stoltzfus Farm, Mt. Joy, Currently Milking Over 100 Cows. This System Is Set-Up For 200 Cow Herd With 8 Feed Stalls Available. See The Feed Dispenser That Outperforms Them All!



Model F26 Management reports **1.** Daily automatic cow feed exception **2.** Individual cow check listing **3.** Feed station usage/feed bin monitor

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Joyce Freehling wears Armstrong County Dairy Princess crown

1984 Armstrong County Dairy Princess Joyce Freehling (center) and her court from left, are Carol Aden, Bonnie Wilson, Pamela Grooms, Joyce Freehling, Susan Houser, Lara Wilson and Becky Stewart.

BY BARBARA RADER
Staff Correspondent

FORD CITY — Joyce Freehling was crowned 1984 Armstrong County Dairy Princess during a pageant at the Lenape Vocational-Technical School in Ford City last Saturday night. Joyce is the county's first dairy princess in five years and competed for the title with six other contestants, who honored her as Miss Congeniality.

Joyce is the daughter of Lester and Janet Freehling. The large family farm, Star-Lite Acres, consists of 275 acres and an additional 325 rented acres. Milking 80 head of Holsteins with well over 120 calves and heifers keeps the 18-year-old princess busy. Joyce also helps with the feeding, harvesting and anything else that needs done.

She has been a member of the Worthington 4-H Dairy Club for the past four years and is treasurer this year. She is also a junior Holstein member. Joyce and her family are members of the Worthington Evengelical Lutheran Church.

A June graduate of Kittanning Senior High School, Joyce also attended the Lenape Vo-Tech School, majoring in cosmetology, and served as secretary of the Cosmetology Club. She will begin school in September at the Kittanning Beauty School on a scholarship.

Alternate Dairy Princess is Pamela Grooms, the 16-year-old daughter of Thomas and Mary Jean Grooms, who own a 175-acre dairy farm in Dayton. Teg Mag Acres has 120 head of registered and grade Holsteins with 50 milking. Pam said she does a variety of chores on the dairy farm.

She has been a member of the Dayton 4-H Dairy Club for four years and was the club's vice president last year. She is a six-year member of the Dayton 4-H Livestock Club, where she participates in hog and Holstein projects. She also is a member of 4-H, taking part in sewing and cooking.

Pam recently completed her junior year at Dayton High School, where she was on the decorating committee for the prom and was a basketball player. Pam is a member of the Concord Presbyterian Church and helps with their Bible school.

The school auditorium, simply decorated for the pageant, was filled with countains waiting to see who would become the first dairy princess since Barb Stitt relinquished her crown five years ago.

Master of Ceremonies Larry Rupp asked each girl a randomly-selected question during the first round of eliminations. Judges Hap Nicholas of WACB Radio, and Eugene and Carol Schurman from the Indiana County Extension Office, had the job of selecting four semi-finalists. Joyce and Pam were joined by Lara Wilson, the daughter of Donald and Shirley Wilson of Worthington, and Susan House, the daughter of Robert and Lois Hourse, Templeton. The girls answered another round of questions before the judges made their final decision.

Entertainment was provided by magician James Wingard. Former Armstrong Dairy Princesses Charlene Ruffaner, 1973; Kay Cornish Thomas, 1974; and Janet Flemming Walker and runner-up Shirley Goodheart Walker, 1975; were recognized. More recent dairy princesses Susan Steward Kreutzer, 1977; Karen Alcorn, 1978; and Barb Stitt, 1979; were also honored.

A reception for the new princess and her court followed the ceremony.

Angie Colyer

(Continued from Page B16)

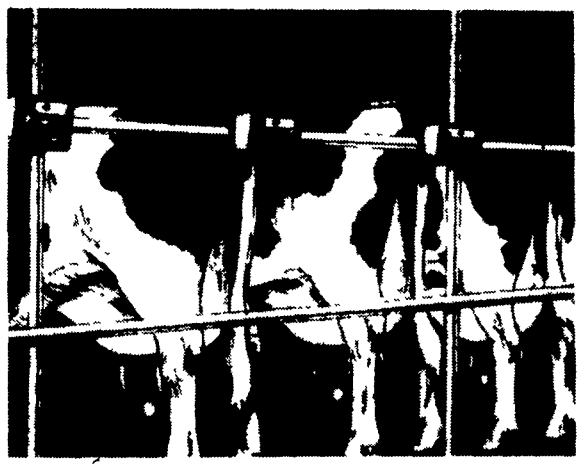
Angie is the 17-year-old daughter of Mr. and Mrs. Lloyd Colyer of R2 Mifflintown. Angie has completed her junior year at Juniata High School, where she is very active in musical organizations. She plans to continue her formal education in the area of agriculture after graduation from high school.

Alternates Marlene Book and Debbie Dressler will assist Angie in her milk promotion activities. Marlene is the 19-year-old daughter of Janet Davis of R2 Mifflintown, and Mr. and Mrs. C. George Book of Mexico. Marlene is a 1983 graduate of Juniata High School, where she is very active in various musical organizations. She is presently employed by the Rite-Aid company at Camp Hill.

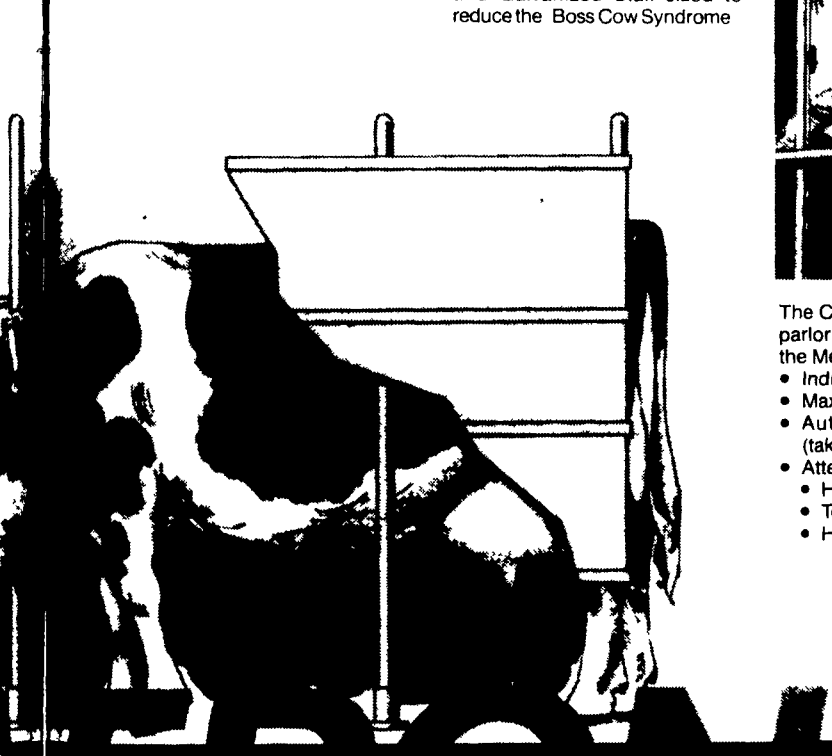
Debbie is the 17-year-old daughter of Mr. and Mrs. Wayne Dressler of R1 Thompsontown. Debbie will be a senior at East Juniata High School in September. She is a member of the National Honor Society and plans to pursue a career in food preparation and nutrition after graduating from high school.

Feeder signals feed bin to release feed via a flexible auger system Feed bin contents are also monitored

The Codatron Feed Stall features Stainless Feed Bowl Assembly and Galvanized Stall sized to reduce the Boss Cow Syndrome



The Codatron has future milking parlor function capabilities with the Metatron option including
- Individual cow milk production
- Max/min milk flow
- Automatic cluster remover (take-off)
- Attention indicators
  - Heat cycle
  - Temperature
  - Health status



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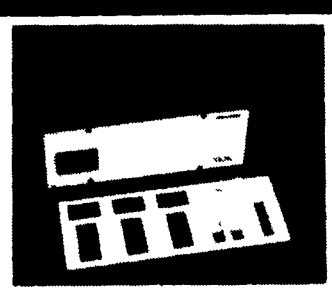
Features
• Capacity to 999 cows • Up to 4 feed stations with two feeds per station • Maximum feed allotted is adjustable • Maximum feed intake during any one interval is adjustable • Battery back-up power • Data recorder option available • Expandable to future needs



Model L The Model L includes and greatly expands the F26 features through the use of a cow calendar for breeding management It also contains Health and General Coding Systems

The Model L will provide the following reports **1.** Daily automatic cow feed and breed exception **2.** Individual cow check listing **3.** Feed station usage/feed bin monitor **4.** Herd breeding **5.** Individual cow report by lactation period

Features
• Capacity to 560 cows • Up to 22 feed stations with two feeds per station • Days in lactation • Calving interval • Calving date • Breeding dates • Sire code • Warning of cows coming into heat • Pregnancy date • Dry period • Lead feed concentrate prior to calving • Cow health data

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Seeing-eye dogs take a ride on the Strasburg Railroad

BY SUZANNE KEENE

STRASBURG — The train lurched, the whistle shrieked and the rain poured, but the seven Labradors and golden retrievers riding the train at the Strasburg Railroad last Sunday were unconcerned about the unfamiliar environment around them.

The dogs, which will eventually become seeing-eye dogs, were accompanied by their temporary guardians, members of the Lively Leaders 4-H Seeing Eye Puppy Club from Wenonah, New Jersey. The group makes an annual trip to the railroad to expose the dogs to a new sitation, club leader Lorraine Hudson said.

Steven and Michele Dubois, pose with Poker, a seeing-eye dog they will be caring for during the next several months.

Yellow Labrador Fax seems to be enjoying his ride on the train at Strasburg Railroad, while his guardian, 4-H'er Jennifer Carrigan, keeps a close eye on him.

Club members receive the puppies when they are about eight weeks old, raise them for 12 to 14 months, then say good-bye to their friends when they leave for formal training in Morristown.

During those months, the 4-H'ers teach the dogs four basic commands - Come, Sit, Down, and Rest - and how to sit and rest at the end of a lead.

However, "The main thing is to teach them to respond to love," Lorraine said.

The idea, she continued, is not to beat the dogs into submission or to be harsh. When correction is necessary, a quick jerk on the choke collar usually does the job.

The Seeing Eye school in Morristown could raise all the dogs they need in the kennels, Lorriane explained, but added, "that doesn't make the best dogs."

Dogs raised in a family atmosphere, she continued, become accustomed to people and noise, and don't spook easily. The dogs also receive more individual attention in homes than they would in kennels.

Club members Steven and Michele Dubois are working with their second seeing-eye dog, Poker, who took his train ride all in stride. He sat between his guradians, apparently undisturbed by his environment.

Poker began his stay with the Dubois family in October, helping to relieve the gap that opened when the family's first dog, a black Laborador, left for school. Michele and Steven's parents, John and Barbara, take an active interest in the dog's as well.

John said Poker moved in with the family about one month before thier first dog, Dega, left, helping to make the transition easier. Even so, saying goodbye was difficult.

"It was hard, but you knew it was going for a good cause," Steven said, explaining his feelings about Dega's leaving.

"I was the basket case," their monther, Barbara, confessed. "I had a rough night the night before."

John, a Methodist minister, said that Dega became a member of both the family and the congregation. Dega attended church every Sunday, napping under a pew during the service.

"He would go to sleep for the sermon and wake up for the benediction," John joked.

At first, John said, he was skeptical about how the congregation would react to having a dog in church. But to his delight "they really took to it. Now they expect to see the dog," he continued.

Sometimes, a dog isn't able to progress in the program because of health or temperament problems. For example, Tony Kaminski said his family was able to keep two-year-old Wicki, a golden retriever they raised for the customary year but which did not pass the physical because of cataracts.

"After a year of training, we'd certainly like to have any of them back," he explained.

When the dogs have finished their training at the school, the 4-H'ers are permitted to observe them working with the trainers from a distance, but are not permitted to greet the dog.

"When you see the dog with the trainers, there's no way in the world you would really want to take it back," Barbara said.

Lancaster County is forming its own seeing-eye dog program this summer. Anyone between the ages of 8 and 19 interested in raising a seeing-eye dog is invited to attend an organizational meeting to be held at the Farm and Home Center on July 3 at 7:30 p.m.

Five Solid Ways To Improve Your Farm:

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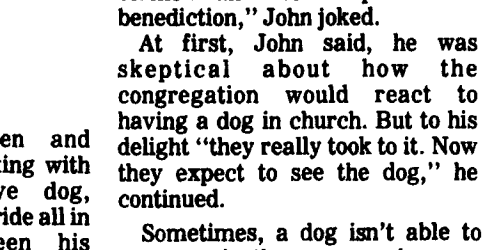
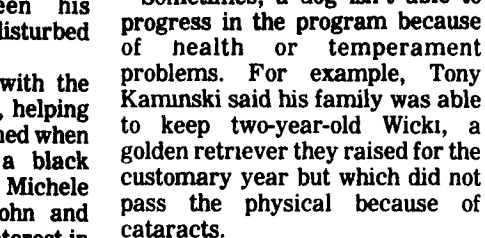
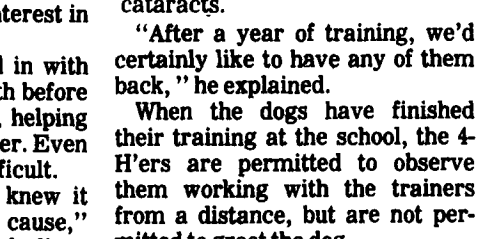


2 MANURE PITS
- Poured in place or precast concrete
- Above or below ground
- SCS approved



3 FEED BUNK
- Long lasting reinforced precast concrete
- 3 styles of H-Bunk available
- 4 styles of J-Bunk available



4 CATTLEGUARDS
- No more opening and closing gates
- 12' and 16' available
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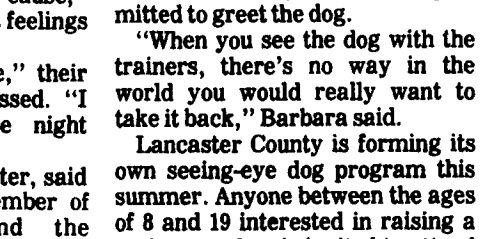
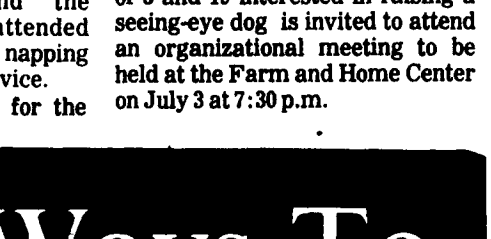


5 MONOLITHIC CONCRETE SILOS
- 6" steel reinforced solid concrete walls
- Conventional top unloading
- Oxygen controlled bottom unloading GSI



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Seeding, Weeding and mulch more

For the avid gardener

Geraniums Star In Many Gardens

The many gardeners who feel their gardens are naked without geraniums can rejoice in the explosion in variety of color, shapes and sizes which recent years have brought to market.

Red geraniums are still the leaders but gardeners can now choose from colors of salmon, pink, rose, white and bicolors as well as double flowers, star-shaped flowers, seed or cutting-grown varieties, ivy geraniums and even aromatic scented geraniums.

Diversity in flower color and types, earlier flowering times and compact size have all combined to produce a wide variety of geraniums to suit virtually every gardener's needs.

Seeds geraniums have brought some of the most dramatic advances. Since first introduced in the 1960's, breeders have added varieties with more color, earlier flowering and more compact habit. The 'Hollywood' geraniums, new for 1984, show all these features. Available in three varieties, 'Hollywood Red', 'Hollywood Salmon' and a unique red and white bicolor 'Hollywood Star' their compact habit and vivid colors make them a good choice for containers or the garden. The 'Hollywoods' perform well in summer and fall while also flowering earlier than other seed geraniums. Look for even more diversity in color in the future.

Geraniums with unusual, eye-catching flower types are also coming on the scene. 'Steady Red' geranium, new for 1985, brings true red, double flowers. It puts on a dramatic show in beds or containers where its tightly double florets add an interesting touch grouped alone or couple with plantings of other flowers.

CONTAINERS. Interested in container gardening? Breeders have also done considerable work developing varieties for containers so that geranium lovers can take part in the exceptional container gardening.

'Red Fountains' is a seed geranium bred specially for baskets. It combines the blood of ivy geraniums, Pelargonium peltatum, with the blood of zonal geraniums, P. hortorum, to produce a geranium with a dramatic cascading habit and rugged performance. Its lush foliage is deeply zoned for added appeal.

Ivy geraniums, with their stretching, slowly descending stems, are another excellent choice for baskets or the sides of large containers. They contain a number of attractive pastel shades including white, raspberry and lavender — as well as dramatic reds and fluorescent pinks.

Other compact varieties such as the 'Hollywoods' or the 'Smash Hit' geraniums also make fine container plants, especially when grouped in tubs or windowboxes with other more dwarf species.

There are more and more varieties to choose from for sunny beds as well. The 'Smash Hit' series from Denholm Seeds combines excellent garden performance with compact habit. Red, rose-pink and salmon shades are available.

Other varieties to try include the coral 'Cameo', one of the most popular non-red geraniums, and 'Razzmatazz,' a salmon red and white bicolor. For white colors, try 'Ice Queen', the top white geranium for the garden.

Don't forget cutting geraniums for a sublety in color unknown in seed geraniums and for strong early season performance. Plant both cutting and seed geraniums for a full season of color.

The popularity of fancy-leafed geraniums whose leaves are strongly patterned with white and other colors is also on the rise.

As if this wide variety weren't enough to choose from, there are the fascinating scented geraniums as well.

Rub the leaves together and they put forth intoxicating aromas of rose, coconut, nutmeg, citrus or mint. Foliage is often very finely divided, adding to their beauty. Plant them nearbv a patio or porch to add an intriguing air where visitors gather.

This great diversity of color, size and flower types has helped swell. the popularity of geraniums, one of the most popular annuals. Geraniums are also easly to grow. Just place them in a sunny spot, give them occasional waterings and feedings and they'll provide beauty and color all summer long.

The past 10 years have brought some very exciting new developments to geraniums and gardeners can look forward to an equally exciting array of new varieties in the years ahead.

Ellen Cole named Pa. Swiss Miss

BY MARTHA GEHRINGER
Staff Correspondent

DOYLESTOWN — Ellen Cole was recently crowned the 1984-85 Pennsylvania Swiss Miss at the annual Pennsylvania Brown Swiss Picnic, held at Delaware Valley College, Doylestown. Cindy Trimble was named first runner-up.

Ellen Cole, of Columbia Cross Roads, is the daughter of Mr. and Mrs. Donald Cole. Currently a senior at Troy Senior High School, where she is very active in the local 4-H and FFA chapters. Following graduation, Ellen plans to attend a four-year agriculture college. Ellen said she felt very proud of her honor and plans to do all she can to promote Brown Swiss.

Cindy Trimble of Peach Bottom is the daughter of Mr. and Mrs. Donald Trimble. Cindy is entering her senior year at Solanco High School, where she manages the softball team and is active in the local 4-H club. Miss Trimble plans to continue with a Vo-Tech program after graduation and pursue a career either as a nurse or a dental assistant.

The Swiss Miss program is in its fifth year. It was started in 1980 to commemorate the centennial year of the Brown Swiss Cattle Breeders Association, when it was down on a national level. Now it is done only at the state level.

Anne Daubert, coordinator of the Pennsylvania Swiss Miss Program, said this year's Swiss Miss will be attending the National Convention in Tennessee. She will then be attending the various fairs this summer to promote the Brown Swiss Breed.

Newly-crowned PA Swiss Miss Ellen Cole, left, poses with program coordinator Anne Daubert, emcee Dan DeTurk, and first runner-up Cindy Trimble.

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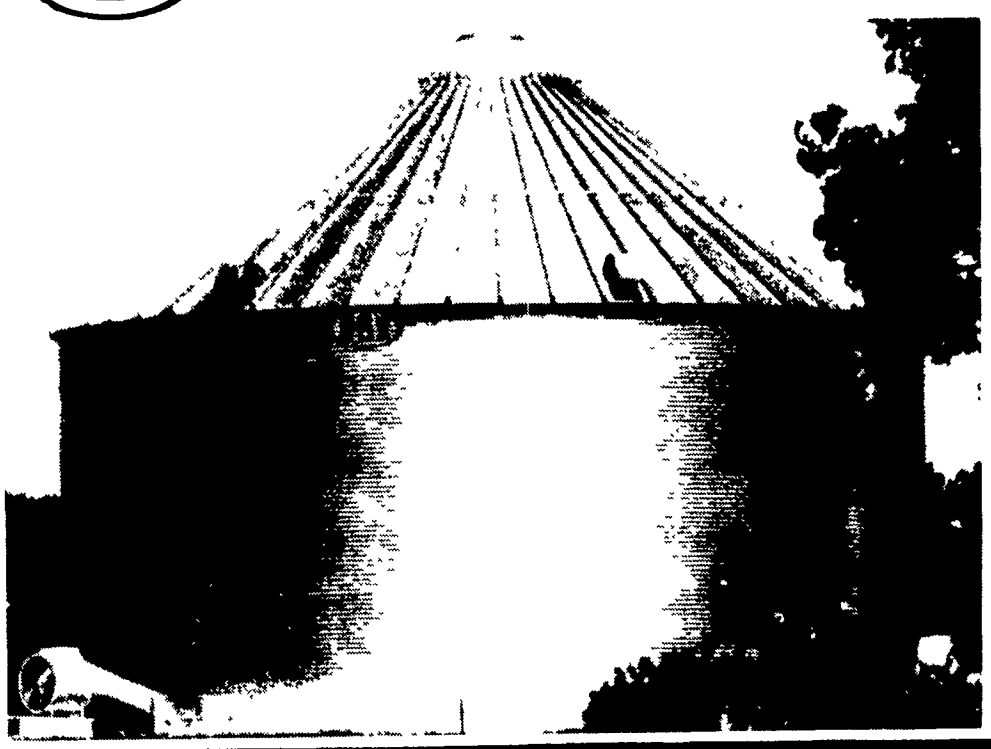

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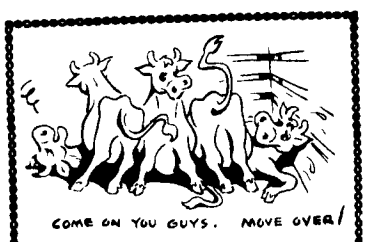

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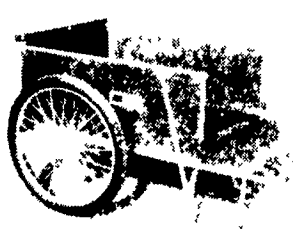

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Cockroaches are tough, resilient and hard to purge

ITHACA, NY — More prolific than a thousand rabbits; fouler than a filthy fly; able to fast six weeks without a single crumb.

Look, down on the floor – it's an ant, a mouse. No, it's the notorious cockroach, a nasty pest that infests even the cleanest kitchens and bathrooms.

They've been creeping around for 300 million years and they're bound to be crawling for millions more, long after the human species has perished.

Today, roaches are the number one indoor pest problem, says Edgar Raffensperger, an entomologist for Cornell Cooperative Extension.

"The enigma of cockroaches is that they specialize in generalizing. Tough and resilient, roaches eat everything that humans and animals eat, as well as beads of grease, paper, soap, toothpaste, stamp glue, and even all kinds of human and animal wastes," says Raffensperger.

A professor of entomology in the New York State College of Agriculture and Life Sciences at Cornell, Raffensperger teaches a course on insects and man. He says that cockroach populations are practically impossible to conquer and divide.

"Cut off a cockroach's head and it will survive for several days. Cut off its leg and it may grow another. Deprive a female of a mate and she will produce a family anyway, giving rise to new generations. Spray them with a potent insecticide, and cockroaches will learn to avoid the area or they will just develop a resistance to the spray."

Cockroaches are a thousand times less sensitive to DDT, for example, then they were 30 years ago, Raffensperger estimates.

Although they have not been specifically blamed for epidemics, cockroaches can carry viruses or bacteria, including the pathogens that cause bubonic plague, typhoid fever, dysentery, and gastroenteritis.

They contaminate food not only by carrying microorganisms from sewers and garbage, but also by dropping their own wastes along the way.

Roaches tend to reside where it is moist, warm, and dark – under the refrigerator or kitchen sink, in bathroom nooks and crannies, or in a pile of rich dust under kitchen cabinets.

Taking precautions such as hanging up wet towels, keeping floors, drawers, and cabinets clean of crumbs, repairing leaky pipes, and filling holes or cracks in walls, cabinets, and window and door frames are some ways to discourage cockroaches from making themselves at home.

"It's much more difficult, however, in apartment buildings where cockroaches can reinfest apartments through pipes and walls," Raffensperger says. "And because they travel along sewer and pipelines, any uninfested city building can be invaded."

Although the U.S. Department of Agriculture has reported that a new chemical spray, hydroprene, can stop cockroaches from reproducing, it may be several years before this pesticide is available commercially.

In the meantime, Raffensperger recommends using pesticides specifically marketed to limit invasions of the pest.

"It may take several applications over a period of two to three months to control these insects," Raffensperger admits. "Although you may get the adults at first, it takes several months for the eggs to hatch."

A home remedy used often is boric acid sprinkled into cracks and crevices, along baseboards, around and under cabinets, near sinks and pipes, around window and door frames, and under the refrigerator. Don't dust it in places where children or pets may play, Raffensperger stresses.

If homeowners are unsuccessful with their own attempts, the Cornell entomologist suggests turning to a professional exterminator.

If cockroaches are found in food, should you throw away the whole dish or container?

"Because they march around in such filthy places and could be carrying any kind of germ, I would throw out an entire salad, for example, if I saw a cockroach enjoying it first," Raffensperger responds.

More information on pest control is available from county offices of Cornell Cooperative Extension, a partnership of county, state, and federal governments helping people put knowledge to work.

FWS Calendar

Saturday, June 30
Lancaster Society 5 meets for a "Let's Take A Cruise" program.

Thursday, July 5
Lancaster Society 17 meets for quilting with Society 15.

Saturday, July 7
Lancaster Society 6 meets at the home of Miriam Heisey for a program by Mary and Eva Thome.

NY dairy princess seminar at Wells College

SYRACUSE, N.Y. — Over 40 dairy princesses from across New York State will participate in this year's dairy princess training seminar at Wells College in Aurora. The seminar will run from July 9 to 11 and is sponsored by the American Dairy Association and Dairy Council.

This annual seminar helps prepare the princesses for the challenging responsibilities of their year-long reign. As dairy princesses, they work as representatives of the dairy industry, appearing in schools and supermarkets, and working with the media.

The majority of this year's seminar program will be workshops which will give the girls practical, hands-on experience. Several different sessions have been planned, focusing on the areas of: news release and speech writing; nutrition information; radio interview techniques; and food store demonstrations.

The seminar also gives the princesses the opportunity to share ideas and get acquainted. They will meet again August 14 to 15 for the New York State Dairy Princess Pageant at the Syracuse Sheraton Inn.

The dairy princess program, now in its 21st year, is an important part of the American Dairy Association and Dairy Council's milk promotion program. ADA/DC conducts advertising and promotion programs under the funding and direction of Federal Order 2 dairy producers.

Farm Women Societies

Lancaster Society 8

Lancaster Society 8 met at the Mount Joy Mennonite Church on June 16 to entertain Lancaster Society 2 at a luncheon.

Rodnie Hershey presented the special feature, showing slides of his coast-to-coast bike trip.

Hostesses for the meeting were Vera Frey, Elizabeth Shuman, Ruth Musser, Agnes Houseal, Florence Musser and Margaret Heisey.

The annual picnic will be held on August 7 at the Lampeter Fair Grounds.

The next meeting will be held on September 15 at 2 p.m. in the Lutheran Church in Maytown.

Lancaster Society 34

Members of Lancaster Society 34 met on June 18 at the home of Denise Young.

Boni Gochenaur, 1983 dairy princess, provided the program on her year as princess and the benefits of milk.

Members were reminded to bring a childhood picture and two or three white elephant items to the next meeting.

The group will help with bingo at Conestoga View on July 19. The annual family picnic will be on Sunday, July 8 at the home of Sam and Jean Kreider.

The next meeting will be July 16 at the home of Denise Glick with Gayle Hershberger as co-hostess. The program will be a white elephant sale.

Berks Society 6

Berks Society 6 met recently at the home of Mrs. Carl Herbein for the June meeting.

The group is planning a bus trip to Philadelphia for the July 29th baseball game.

The July 17th meeting will be at the home of Mrs. David Bauer at 8 p.m. Faye Strickler, extension home economist, will speak on kitchen safety.

Berks Society 9

Berks Society 9 held their June meeting at the home of Jeanne Casner, R2 Douglassville.

The group discussed a yard sale during August.

Mr. and Mrs. Barnard showed slides from Hawaii and everyone wore a lei for the occasion.

The next meeting will be held at the home of Karen Schreier for a Country Store demonstration.

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Termites take years to do damage

NORRISTOWN, Pa. — If you're beginning to see signs of termite damage, you're seeing the result of years of infestation, says Paul Reber, county agent, with the Penn State Extension Service. Termites cannot cause enough damage in a short time to cause a building to collapse. Fortunately, they can be controlled through proper construction measures and the application of soil insecticides.

One of the easiest recognized signs of termite infestation is the presence of winged termites or of their wings alone. But don't confuse them with winged ants, which do not damage wood.

An ant has a narrow, wasp-like waist; a termite's waist is broad. The antennae of ants are elbowed, the termites' are straight. You'll be able to see these differences with a magnifying glass.

The winged termites are the only termites you'll see, but they're not the ones that do the damage. There are three castes of termites: workers, soldiers and reproductives (kings and queens).

The workers are creamy-white and are seldome seen unless a termite tube or infested wood is broken open. Soldiers have large narrow yellowish heads with long jaws and are about the same size as an adult worker, one-quarter inch.

The reproductives are brown or black and about one-half inch long. They have two pairs of translucent wings which break off shortly after swarming.

These shed wings are evidence of termites in a building. The insects usually swarm in late winter or spring. The reproductives are the only caste attracted to light, so these are the ones commonly seen.

Other signs of termite infestation include earth-like material glued to wood that has been attacked by the termites. The wood has runways or passages in it.

When the wood has been infested for some time, it may be hollowed out or rotten in appearance. If you probe the wood with a screwdriver or other instrument, some worker termites may spill out.

Termite tubes also indicate the presence of the insects. These earth-colored tubes will probably be found on wooden posts, studs, mudsills, door and window trim.

Wood embedded in earth or in concrete cellar floors is especially susceptible to termites.

To control termites, you can use one of two methods: structural or chemical.

The structural method works on the principle that the less suitable a building is for termites, the less likely the chances of infestation.

To use this method, remove all scraps of wood from the vicinity of the building. Replace any wooden posts, steps, trellises, etc., with non-cellulose materials. Replace badly damaged timbers with sound materials. Do not permit wood within 18 inches of the soil. Provide adequate ventilation and drainage for basements, cellars and crawl spaces under the building. Fill any visible cracks and voids in the foundation with concrete or suitable caulking compound.

The principle of chemical control is to establish a barrier of poisoned soil between the wood and the colony. Chlordane is the only registered insecticide for homeowners for soil application to prevent and control termites.

The dosage and method of application are detailed on the label. Follow instructions carefully.

But the best method of control is still professional help, says Reber.

Adams Co. installs 4-H Senate officers

Immediate past president of the Adams County 4-H Senate, Ed Wilkinson, congratulates 1984-85 4-H Senate President Sharon O'Brien as Josie Hess, 1984-85 4-H senate secretary, looks on.

Work at home schemes can cost you money

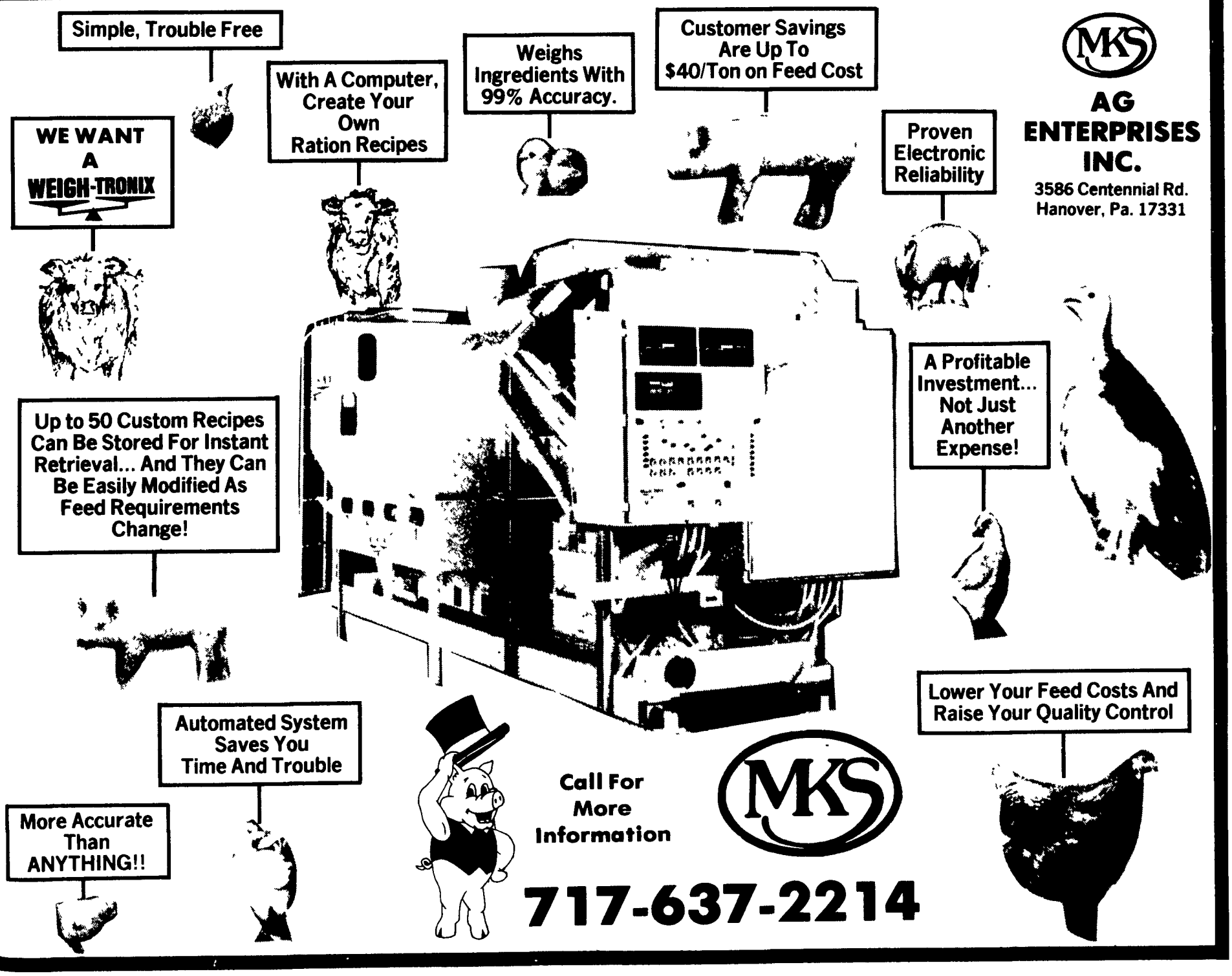
NEWARK, Del. — A work-at-home job may sound like the answer to your money problems, but University of Delaware extension home economist Mary Alice Morris says to think twice before getting involved. Many times, she says, advertisers who promise large amounts of cash in exchange for a few hours of work at home are scheming for your money while offering little or nothing in return.

One of the more common offers promises a large income for part-time work stuffing envelopes. Usually you must send money to get information about this business. Once you've paid your fee, you'll receive a booklet explaining how you place similar ads and trick other people into sending money to you. Or, you may receive a list of companies that supposedly need workers to stuff envelopes.

Other ads encourage you to set up a mail-order business in your home. You may be asked to make a large investment in merchandise, then buy advertising space, and hope consumers will want to purchase your product.

Another scheme offers cash in exchange for goods produced at home. You must buy the materials to make the product, then mail the finished article to the company. Often the company refuses to buy your work, and you lose the money you spent on materials and postage.

The common feature of all these schemes is that you must send money before you can begin work. Morris says reputable companies with honest offers are willing to provide information about their opportunities before requiring a fee or investment.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Guernsey, Jersey breeders form High Protein group

BY ROBIN PHILLIPS
Staff Correspondent

HAMBURG — When several Guernsey and Jersey breeders first met in April to form a new dairy organization, they knew what their purpose was to be but could not decide on a suitable name. Now they found their name. Not wanting to exclude any dairy cattle breeder who is interested in producing a quality product, the new organization calls itself, High Protein Breeders. They met on June 16 for a picnic meeting at the Longmeadows Farm of Robert and Helene Dreisbach, R3 Hamburg.

With the promotion of a higher quality milk and increased standards the major subjects at previous meetings, the theme at the picnic meeting was no different. The featured speaker after lunch was Mrs. Betsy Booth, Green Dream Farm, Lee, New Hampshire. Mrs. Booth and her husband, Bud, milk 200 registered Jerseys in a commercial operation and ship their milk to Turner Dairy of New Hampshire.

The Booths had previously received protein premiums for their milk until increased competition forced the smaller processors to stop payments for protein to compete with the larger dairies.

Mrs. Booth is also the president of The Granite State Milk Promoters in her state and brought along a Jetshake milkshake machine to demonstrate at the picnic.

An approved promotional organization under the Federal order, the Granite State Milk Promoters has been in existence for about 40 years, according to Mrs. Booth. The organization first became official in April 1984, when they hired their first fulltime person, and currently operate with one paid employee.

With only one person in New Hampshire in charge of all agricultural promotions and one a very low budget, "we really had to be very inventive in New Hampshire," Mrs. Booth said. She added that her group trys to think of new ways to market and promote milk and does not rely on any outside help.

One of the group's first efforts was to design a milk cup which they used to sell and promote milk at fairs. They've also visited schools and shopping malls giving demonstrations and lecturing on milk quality and nutrition. "We always try to have live animals and something to hand out," Mrs. Booth said.

One of the crowd pleasers and a real asset to getting the public to taste milk is the Jetshake machine, Mrs. Booth told the breeders. "We use them as a crowd milk server. They refrigerate, and mix seven gallons of milk and syrup and keep it at serving temperature. People will drink something that's different from plain white milk," Mrs. Booth said.

The Jetshake machine is a three-motored appliance that mixes, cools, and dispenses milk, without oxidizing it and spoining the taste. "It is specially made as a milk machine," Mrs. Booth said.

With the addition of syrup, flavorings or fruit, the machine mixes the milk and dispenses a frothy, ice cold drink that becomes very popular wherever it is used. The fruit drink machines seen in many restaurants resemble the jetshake machine but cannot be substituted for the jetshake since air is added to the product. The addition of air to milk would spoil the taste.

The Granite State Milk Promoters own several of these machines and use them at th promotions they sponsor. The recipe they like to use is "Maple Milk." It consists of six gallons of milk, ½ gallon of maple syrup, two teaspoons of vanilla and two packs of vanilla pudding.

"We found out people were drinking this stuff like crazy," Mrs. Booth said, referring to the time they had placed the machine in a studio in competition with coffee and soda machine. "You don't need to add sugar to milk to make it popular, just add fruit or flavorings," Mrs. Booth said.

Ten jetshake machines are found in New Hampshire. Owned by several promotional groups, the machines are loaned to people for special events. The Granite State Milk Promoters loan them out free of charge, usually sending along a volunteer to make sure the machine is cared for properly. "You can make money on it," Mrs. Booth stated, adding that they use theirs to get people to taste milk.

"It's just a drop in the bucket," she said in regard to getting people to drink more milk. "But everybody that learns that they like a milkshake can go home and mix one up."

"It bugs me to go through a dairy barn (at a fair) and see all the kids with a can of soda," Mrs. Booth added. Their group uses the machines at many fairs.

The machines are manufactured by Jet Spray Factory, 825 University Avenue, Norwood, Mass. 02062. The phone number is 800-343-0293. The machines list for approximately $1,250, but if a promotional group is interested they can be bought for $775.

The High Protein Breeders listen to Betsy Booth tell of efforts in New Hampshire to promote milk.

President of the High Protein Breeders is William Zollers.

Through the efforts of the Granite State Milk Promoters, two schools in New Hampshire have purchased a machine.

"I really think it's going to come," Mrs. Booth stated about a national protein pricing plan. She told the breeders that they were receiving five cents a point above 3.3 percent. Their herd averaged 3.9 percent. "It really adds up," she said. "We got close to $15,000 a year on just five cents a point, and you don't do anything extra," she added.

"We found out it doesn't follow fat," she also said. Although they are not being paid for it now, "We did lose our protein payments when the milk war got bitter." The Booths still follow their protein production and maintain that it is the only fair way to price milk.

"If a dairy farmer doesn't drink milk himself, that's pretty poor," said Bruce Leiby, Hamburg, one of the dairymen at the picnic. In discussing the problems in enhancing milk to the public, Helene Dreisbach said, "it's getting it to taste good till it gets to the consumer." Wayne Lesher, co-owner of Way-Har Dairy Farms and store, added, "when people go shopping and buy milk, they often make other stops, when they get home the milk is pretty warm."

The High Protein Breeders thanked Mrs. Booth for speaking to them and held a short meeting afterwards. A membership fee of $3 per family was decided on and payable to Robert Smith, R1, Annville, immediately. This fee will cover postage expenses. Sandy Zollers, R1 Mertztown, was also appointed to head a committee to try to get sponsors to buy a jetshake machine. Sponsors names would be advertised and the High Protein Breeders would be the controlling owners.

Mrs. Booth also submitted prices on the special dairy promotional cups which her group had designed. Anyone interested in buying the cups which feature the real seal, a cow logo and several "I love Milk" slogans, can order them from her group. The address is: Granite State Dairy Promotion, Department of Agriculture, 105 Louden Road, Concord, New Hampshire 03301, or call: 603-271-3788. The cups come in two sizes. The eight-ounce cups sell for $52 per 2,000 cups and the 16-ounce sell for $39 per 1,000 cups. There is also a $6 charge per case for UPS shipment.

These cups were designed by the Granite State Milk Promoters of New Hampshire to use with milk promotions and with a "jetshake" machine.

Pa. Jersey Queen Carol Dreisbach takes a sample of the milkshake from the "jetshake" machine.

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States change minimum brucellosis standards

WASHINGTON, D.C. — Beginning July 1, certain states will require cattle moving across their borders to be vaccinated for brucellosis, a U.S. Department of Agriculture official said recently.

Bert W. Hawkins, administrator of USDA's Animal and Plant Health Inspection Service, said the vaccination requirement – which will depend on the state's classification – will affect cows and female calves that were or are:

– Born after Jan. 1, 1984 and

– At least four months old; and

– Female dairy cattle moving in and out of class B and C states; and

– Female beef cattle moving into and out of class C states.

"Certain cattle will be exempt from the new vaccination requirement – such as neutered animals or those moving directly to slaughter or quarantined feedlots," Hawkins said. Cattle shippers should check with their state veterinarian.

Under the cooperative brucellosis program coordinated by USDA, states are classified as free, A, B or C – according to their cattle herd infection rates. "Free" means no infection for a year or longer; Class "A" indicates a low rate; "B" a moderate rate; and "C" a relatively high rate.

"Under the new provisions, nonvaccinated heifers eligible for vaccination – 4 to 12-months-old – will be permitted to move interstate directly to specifically USDA-approved livestock markets and be vaccinated on arrival," Hawkins said.

Other changes include using a "modified card test" for brucellosis, using "brand certificates" to satisfy identification of cattle moving across state lines when no tests are required and releasing adult-vaccinated dairy herds from quarantine when lactating cattle pass a negative "brucellosis ring test."

Hawkins said these latest brucellosis rule changes will be enforced by state animal health agencies. The federal regulations will be changed later, he said.

"States have a reasonable time to put the new brucellosis rules into effect, but most will begin enforcing them promptly," he said. "Some 22 states already require brucellosis vaccination for entry, although specific requirements vary."

The changes in standards are recommended by the U.S. Animal Health Association, an organization that represents state and federal agencies and major cattle industry groups. The modified rules were circulated to these groups for comment.

Brucellosis, sometimes called Bang's disease, causes cows to abort or give birth to weak calves. It can be passed to people exposed to infected animals or those who drink unpasteurized milk from infected animals, causing a chronic or acute debilitating illness.

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For Sale Liq protein supplement tank, ex cond, partly full Perry Co 717 789-3422

For Sale - Tractor tires 16 9-30 & tubes, 3 pt drag disc, chicken feed troughs & gal waters, Leb Co (717) 838-4508

For Sale - 25 30 Reg & Grade holsteins dairy cattle 8-10 dry due July & Aug Berks Co 215 926-3196

For Sale NH 717 1 row corn harvester $925 good cond, also 2-row NI corn picker, Leb Co (717) 865-6836

For Sale - Oliver 88 Super tractor, 1960 Int truck 14' bed, good cond, after 7 p m Cumber Co (717) 776-7852

For Sale 30" ceiling fan w/shutters like new Can be used without shutters in dairy barn Lanc Co 717 653 2122

For Sale Premier 2 horse trailer exc cond, 4 H P E Z track-vack vacuum for garden tractor Lanc Co 215-267-3103

For Sale - NH 355 grinder mixer used only 3 times Reason for selling, quit farming $5,000 00, York Co 717-252-3233

For Sale - New old fashioned rag carpet 33 yd 1 yd wide blue gray Lanc Co 717 354-8970 after 8 p m

Wanted Case 730 or 830 diesel direct drive sale, 4 towmotor forks 1½"x5"x45" 59 Esdel ranger Adams Co 717 359 5283

For Sale Reg Border collie male for stock watch or stud w/imported blood line $100 York Co Pa 717 292 2688

For Sale Bandsaw blade welder Will weld up to 3/4' blades $425 00 Can be mailed Lanc Co (717) 733 0511

For Sale 4 Reg & grade holstein heifers due mid July to Aug records to 20,000 lb Lanc Co 717 653 5344

For Sale Hewanee Elevator 34' w/grain discharge head, swivel spout, btm hopper w/1 H P used 20 hr's, Juniata Co 717 527 4777

For Sale Thresher drive belts 6" 7" 8" wide by 124 ft long and w/9 McCormick tractor Elias S Beiler 717-656-9733

For Sale JD 7' sickle bar mower for JD M MTD plows for JD M $200 ea York Co 717 292 4416

For Sale Reel riding mower Ashley Imperial woodstove $200 antique post lights iron $250 26" Vanity 30 Lanc Co 717 394 0362

For Sale Reduction of pygmy goat herd Some bred yearlings Also some Nubian's & Alpen's milk stock Adams Co 717 359 5165

For Sale Century 5 star H D Welder Modified $625 Stock $595 00, Lanc Co 717 653 4598

MAILBOX MARKET

Notice Free white asbestos siding free for taking it off Lanc Co 717-768-8586

For Sale JD A, good rubber, 3 pt hitch, solid shape Lanc Co 717-684 3845

For Sale Optional bale locator for bale carrier Samuel K Stoltzfus RD#1 Box #147 Kinzers, Pa 17535 Peters Rd

Notice Free to good home, 5 yr old friendly ½ lab, ½ golden retriever Comes w/dog house Bucks Co, (215)-847 2330

For Sale - 1983 Reg Arab Colt Egyptian breeding Rose grey Trained for halter showing Very willing $1500 00, Bucks Co (215) 257-1351

For Sale (3) Lge grade holstein heifers due 8/3 8/19 and 9/25 Oley Berks Co 215 779 5605

For Sale 1 4 acre lot 185'x350' road frontage open level land Near Schubert, next to Blue Mtn Berks Co 717 933 5368

For Sale AKC Reg Brittany Spaniel male dog 6 yrs old, good pointer orange & white North Co 717-425-2499

For Sale 67 Chevrolet low profile dump truck 350 engine $800 00, MF 175 diesel tractor $5,000 Lanc Co 717-733-6997

For Sale 1960 Ford truck w/12 ft cattle body runs good, $600 00 or offer Lanc Co 717-872-2646

Wanted - Used 3-rail split fencing Out of ground Angora bunnies, various colors Ready in 5 weeks Chester Co, 215-489 2751

For Sale Toledo digital scale, aluminum strawberry trays, bee hives, sheep feeders, corn sheller Chester Co 215 383-5494

For Sale - IH 205 Combine 13' grain head, hyd hume reel power steering, good cond, $5000 00 Perry Co 717 789-3384

For Sale - MF 2675 w/cab & air 20 8x38 rubber 890 hrs, very good cond, Mifflin Co 717-667-2795

For Sale - 1¾ H P, H D elect motor steel wood stove Sunbeam model 510 clipper's Honda Passport Berks Co 215 683-5269

Wanted Belt pulley for Huber 20 36 tractor Clyde M Witmer Elizabethville, Pa Dau Co, after 5 p m (717) 362 8367

For Sale Antique 5 ton 7'x13' platform scales Mfg Jones scales works Binghamton N Y Make Offer! N York Co, 717 432 5686

For Sale 250 gal Delaval bulk tank w/comp $200 00, 8' sections for N H skelaton elevator $50 00 ea Mifflin Co 717 899 6578

For Sale Small ground driven manure spreader 7 tooth chisel plow, 6 case pull type combine w/motor, Leb Co, 1 717 865-6585

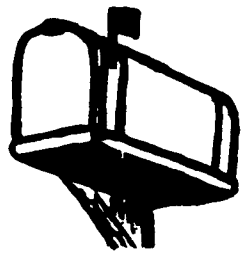
For Sale 3 mobile home axles plus hitch & jack, 6 7 14 5 tires, all good, $375 00, Dau Co 717 367-2637

For Sale Bank barn 45x90 ft, exc cond tenon & mortise framing, Eastern York Co (717) 252 2938 or (717) 845 1518

For Sale Cider Presses 22" $1850 00, 17' $775 00, Small Int Dump truck for farm use $475 00, Lanc Co 717 284-4741

For Sale Columbian cookstove (needs work) Farmall H w/3 pt hitch Char Lynn hyd motors York Co 717-927 6967

Notice Peruvian Paso weanling filly, will trade for 4 wheel open buggy carriage, or black riding mare Lanc Co 717 284 3329



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MAILBOX MARKET

For Sale - Grove wagon w/new bed - $300, Wards hammermill w/self-feeder $150, 1961 Dodge Pioneer - $250 Adams Co 717-677-6536

For Sale - 12 wood window sash 41"x58½" (16"x18" panes), 3 sash 61"x58" (14"x18" panes) $8 00 a piece Lanc Co 717-626-5569

For Sale - 10 mth old Reg Paclamar bootmaker son York Co 717-632-4791

For Sale - 2 lime trucks, 1963 Diamond T 6 cyl gas $5000, 1967 Int V-8 gas Balt Co 301-357 8314 or 301-357 4073

Notice Carefree living, fresh air, water, ' gar dening, hiking, fishing, hunting, boating, Juniata River Healthy relaxation Individuals, Couples Mifflin Co (717) 248-9309

For Sale - 1974 Dodge club cab 4 wheel drive pick-up 360 eng AT, over hauled case cultivators Sch Co 717-345-4882

For Sale Oliver 542, S P combine, real nice cond , 717-626-8257

For Sale - Reg Simmental yearling bull grandson of Polaris, gravity, $750, Frank Co 717-263-5702

For Sale - 1978 Honda motorcycle 750A w/hondamatic trans bags & fairing 11000 mi very good cond , $1300 00, Berks Co 215-488-6784

For Sale - 2- #6 Smidley Hog feeders, 12 holes, used 4 mths , no roof Price $200 00 ea C A Hulshart 717-993-2117

Wanted - Pulley for MM 4 star Lanc Co 717-656-6109

MAILBOX MARKET

For Sale - IHC Cream separator also white coin detector deserimator, needs work, 75, M or E, 717-653-5332

For Sale - McCormick Deering 5 ft horse mower steel wheels) good cond , needs iong tongue Lanc Co 717-653-4146

For Sale Snow crown cauliflower, cabbage, broccoli plants by the hundred or by the thousand 717-354-7922

For Sale - New haybale wagon $895 00, other hay wagons, York Co 717 266-3702

Wanted - Roll guard & canopy for JD 2020 utility tractor 717-932-8499

For Sale 1972 Ford L600 flat bed w/hoist & 40" sides also 1963 Ford Fairlane 6 cyl Leb Co 717-866-2702

For Sale JD 1440 corn planter, 4 btm JDF 125 fully mounted plow after 8 p m York Co 717-266-4147

For Sale - Wisc 4 cyl eng Model VF4 in good cond , Jonas M Beiler RD 8 Box 15, Danville, Pa 17821

For Sale - David Brown 1200 tractor good cond , $3750 00/best offer Daniel S Yoder Rt 2, Gap, Pa Rt 30 East

Notice - Snow crown cauliflower plants, Lanc Co Paul M. Hoover East Earl RD #1, Box 363B Black Creek Rd , Pa 17519

For Sale - 600 bales grass hay & alfalfa no rain $1 50 a bale, or offer 717-394-3607

For Sale - IH corn binder w/8 h p diesel $800 Daniel Glick Jr , #1 Bird in-Hand N/E of Bards crossing, Windy-Tore Rd

For Sale - About 6 ton coal in cellar you take out converting to oil will make bargain Dau Co 717-896-8260

For Sale - Hay Tedder, Hay Bailer, Hay Crusher, 2 Horse Cultivator, WD 45 AC Tractor, Hay Rake, Tobocca Planter 717-786-3618

For Sale - Tennessee walking horse, ten yrs old John M Stoltzfus RD 2 Box 280, Pa Blank Rd Narvon Pa 17555

For Sale - Front end loader for Farmall tractor Super C or C $250 00, Lanc Co 717-687-7012

For Sale - JD F145 14" 4 btm 2 rip-semi mount w/frame depth control, J D corn planter 1240, 717-938-3517 York Co

For Sale - 1976 Toyota Celica GT, good cond , $2400 New heavy duty 3 pt 4' disc $400 Adams Co 717-677-6721

For Sale Honey 1 gal & 60's - pick-up 6 PM-10 M/F 10 AM Rainbow Apiaries 215/445/6674 Lanc Co

For Sale 1st cutting alfalfa-Timothy mixed hay 300 bales $2 00 ea York Co (717) 428 1162

Wanted - Dirt or snow bucket for Inter one arm front end loader E Jackson, Box 542, Jenkintown, Pa 19046 Berks Co

Wanted Rear tractor tire size 11, 2 or 10 0x28 also For Sale Littleston Rolling Harrowing transport fair cond , Lanc Co 215 445-5359

For Sale - 40 cow holstein herd Half reg 50 lb average young cows due July thru average months 717 382-4592

For Sale NH 765 Batch grain dryer, exc running cond , must sell, best offer, JD 435 W 4 row cornhead, 301 739 2341

For Sale Fresh dry sawdust & old rotton sawdust loaded on your truck or delivered, 717 734-3154 eves 734 3838

For Sale Timothy hay, 1 50 per bale at barn NI PTO rake, good cond , $475 00 Cambria Co (814) 344-6637

MAILBOX MARKET

For Sale - 48" Mott mower $800, 4'x21' swimming pool $1000 or best offer Leb Co 717-865 2894

For Sale Int cub w/woods 42" grass cutter & snow blade good cond , asking $2500 Camden Co 609-662-8134

For Sale - Simmentals Must reduce numbers Every animal is priced to sell Reg Purebreds T B Bangs Accredited Carroll Co , 301-848-4736

For Sale 4 horse milk cooling compressor, 10' spring harrow w/hitch, John S Fisher Quarry Rd , Rt 2 Paradise, Pa 17562

For Sale 1969 Ford F500, COE, cab & chassis, as is or part out, 750x20 tires York Co , 717-456 5186

For Sale Purebred Chevoit Ram lamb born 3/1/84, big, healthy $55 00, Also Chevoit Hampshire ram lambs Lanc Co (717) 548-3635

Wanted - Sickle bar & 30" mower for Gravely tractor w/or without tractor North Co 215-252-7786

For Sale - Beef cattle herd Polled herefords, Angus and Charolais, cows, calves, heifers, two polled hereford bulls! Lackawanna Co 717 222-4214

For Sale - Two Crossbred boars, look like pure hampshire - 5 mths old $250 00, ea Innoculated & wormed, Slatington, Pa (215) 767-9492

For Sale - 100% Wool Yarns, various colors & weights & home spun grease wool Lehigh Co (215) 395-2910

For Sale - AC D-19 tractor for parts Buy as is Make offer Sch Co , 1-717-754-7581

For Sale - 22" Frick Thresher model 600 Blizzard ensilage cutter 2 row front mount cultivator for Farmall, Bedford Co., 814-733-4359

For Sale - Cheviot sheep & Gandy fertilizer drill, Joseph E Fisher RD 4 Box 117, Loop Rd , Quarryville, Pa 17566

For Sale - 1978 Subaru DL, 2 door, good running cond , $1500 00, Leb Co 717-867-1381

For Sale Ear corn, has some mold, AKC German Shepherd & AKC Lhasa Apso stud service available Lanc Co 717-627-1687

For Sale - New Idea Wheel Rake, York Co 717-244-2739

For Sale - AC Tractor WC, very good cond , PTO, Plow, Disc, Cultipacker, Mower $1,000 Whiteford, Md (301) 452 5328

For Sale - Skid steer loader IH 3200A canopy Wide tires, ex tread Ready for work Bedford Co , 814-623-9424

For Sale Little Giant grain wagon (good shape) I need hay wagons (flat) S York Co 717 229 2564

For Sale 36' elevator $400, NH PTO manure spreader $500, '73 Chevy ¾T pick up $1200 Hunt Co , 814-447-3383

For Sale York Landrace cross boars certified PRV free herd, Ivan M Sen senig, 215-445-4649

For Sale 1 AKC Apricot miniature poodle 8 wks old 717-656-6365

Wanted Shopsmith Mark V or similar five in one woodworking tools Also a thickness planer and edge jointer 215-267 7026

Wanted Dairy barn & house to rent or willing to set up agreement 'own cows' Lanc Co 717-548 3389

For Sale IH 403 combine cab make offer JD 112 chuckwagon $650 00, York Co 717 862-3833

For Sale Nubian kid goats also lawn swings & picnic tables David S Beiler Witmer, Pa 17585

MAILBOX MARKET

For Sale - Ford hook celery plants also bedding plants Jacob L Beiler Peach Lane Greenhouse 78 Peach Lane, Ronks, Pa 17572

For Sale - Cub cadet 127 tractor & 42 in mower 12 H P hydrostatic ex Lanc Co 717-354-5092

For Sale - JD 350 crawler w/reverse, JD KBA 28 disk, Lanc Co 717 733-4295

For Sale - 1964 Scout 4 WD motor & drive train exc cond , Make good farm vehicle $250 00, Sch Co 717-874-3503

Wanted - Portable sewing machines & sewing equip , for youth to learn sewing Fleetwood 4-H Club, Berks Co (215) 944 9434 or (215) 926-1058

For Sale Rebuilt VF4 Wisc , eng w/clutch or clutch-reduction guaran teed Beiler Eng Service RD 1 New Providence, Pa 17560

For Sale One IH 375 diesel haybine 12 ft cut good, call 8-9 p m Susq Co 1-717-942-6435

Wanted - Bale thrower to fit 283 NH baler, Call eve late Lehigh Co 215 756 6077

For Sale - Driving harness, Kinzers Harness Shop Box 54 406 Mt Sidney Rd., Lancaster, Pa 17585

For Sale Oliver 74-H mounted 2 row corn picker Also model 28 Owatonna self propelled windrower 10' Luz Co 717 868-3732

Wanted - Wishing to rent pasture land in Luzerne, or Columbia Co Write PO Box 32, Wapwallopen, Pa 18660

For Sale - 20 Simmental cattle artificial sired, bred to Super Star, 2 gallants bred to Superstar Cumber Co , NJ 609-451-0705

Wanted - Set of front weights for JD 520, after 4 p m Cumber Co 717-486-7819

For Sale - VH4D Wisc motor baler brackets exc cond , $550 Wayne Gardner, Col Co , 717-458-6831

For Sale - Trailer w/1934 Int pick up box, JD hay crimper, David Bradley garden tractor w/cultivator no eng Sch Co 717-739-4592

For Sale - Reconditioned, New Holland 707 forage harvester Best offer buys it Lanc Co 717-367-7831

For Sale - 1982 Mercury Lynx 4 sp blue, exc cond , $4200 Leb Co 717-274-1939, 6 a m -11 a m 717 783-6280 8 30-5

For Sale TB/Draft mare, 16 1 h, quiet, willing jumper, some dressage training, $1500, Chester Co 215-932 4728

For Sale Reg 1st calf Jersey, due Nov , always hand milked, also 10 mo old Jersey bull, Berks Co (215) 323-6591

Notice For Rent Historic Gettysburg Farmhouse, barn 10 box stalls pasture, pond located on National Battlefield Security Deposit req 717 334 5966

For Sale Elec motors, ½ ¾, 1, 1½ 2 H P 3 phase, 220V w/controls Sch Co 717 366 1227

For Sale - 1935 36 JD A parts 4½ H P united, 3 H P stover, 1930 Buick eng , Montg Co 215-679 5788

For Sale 4 char steers & 4 char heifers from our own char herd approx 400 lb Sch Co 717-345 4489

Wanted Tractor loader for IH 444 farm tractor also farm around the Hegins Valley Sch Co 717-682 9233

For Sale 4 HP Kemp Shredder $100 00, cement mixer on wheels $25 00, Leb Co 717 838 4875 or 717 533-6646

MAILBOX MARKET

For Sale - NH 66 baler w/eng , IH 33 crimper, JD fluffer, field ready Fred Co 301-898-9349 after 7 p m

Wanted - Used calf hutches Lanc Co 717-665-6460

For Sale - 2 Tenn Walkers, blue ribbon winners, plantation show, 3 & 5 yrs , 16 2 black, 15 3 sorrel Cecil Co 301-658-6742

For Sale - Restored 1965 Mustang conv , white, many access , most parts new $6000 Don Fehr, Box 872, Northfield, NJ 08225, 609-641 5910

For Sale - AKC Airedale large type puppies $250 Champion sired Welsh Terriers $200/$350 Otsego Co NY 607 263-5080

For Sale Baby Ferrets, vaccinated, WD 45, reas Warren Co NJ 201-453-2922

For Sale Handmade conveyor slatted 20' on wheels, adjustable heights $75 Ventilation stack used in potato storage Lehigh Co 215-298-2974

For Sale - Oliver combine model 35, good parts, no engine, $350/best offer Northampton 215-767-4498

For Sale - 510 MF combine w/14' quick tach grain table & straw chopper, exc cond Northampton Co 215-252-1344

For Sale - Grimm ground drive hay tedder, good cond , $750 20-8-38x8 ply rear tractor tires $35 ea Leb Co 717-933-4577

For Sale - JD A model 1938 restored good cond $850 Union Co 717-922-1864 after 6 p m

For Sale - 400 gal Sunset bulk tank & 2 Surge pipeline milker units Cumberland Co 717-423-5565

For Sale - Farmall Super A tractor, mint cond cultivators front & back, plow, bucksaw, $2800 price neg Lanc Co 717-786-3690

For Sale - Mature Peafowl & Alpine dairy goats of all ages, priced to sell. Lanc Co 717-285-4064

For Sale - 2 well bred Guernsey heifers 15 mos old, out of Atlantic bulls, ready to breed Cecil Co 301-658-6447

For Sale - 1 McCormic Deering mower #7, 1 horse dump hay rake Fulton Co George Miller 814-685-3449

For Sale - Fitzburg brush chipper, good cond $3900 Berks Co 215-929-3930 after 5 p m

For Sale Pail washer, holds 30 buckets, exc cond , also 53 bags, Provimi veal feeder finisher Mifflin Co 717 899-6430

For Sale Parts to Massey mower, 10' Massey SP combine, 10' 3,000 lb trailer, 7 hp bedding chopper Leb Co 717 933 8281

For Sale JD 34 forage harvester, new gathering chains & shear box, good cond Salem Co 609-358 3923

For Sale Oliver self propelled combine 10' cut, working cond good rubber, make offer montgomery Co 215 367 9051 or 367-9261

For Sale Reg Tamsworth boar, no papers, 18 mos old, Chester Co 215 458 8178 after 8 p m

For Sale 1975 Yamaha 350 motorcycle w/wind shield & luggage rack best offer Lanc Co 717 733 8974

For Sale 1 yr old Morgan colt, broke Jonas S Riehl, 1 mile east of Bird in Hand, Pa along #340 17505

For Sale Snow crown cauliflower cabbage broccoli plant by the hundred or by the thousand, 717 354 7922

MAILBOX MARKET

For Sale - U-Tag Dump Box w/hoist 4 speed fork truck trans 12-8¼"x20" tires on Ford rims. Lycoming Co 717-546-8434

Wanted - Foam marker for spraying & a plow harrow or a plow crowfoot packer Warren Co NJ 201-459-5253

For Sale - JD #30 potato digger, new cond Bean 500 gal air blast sprayer w/engine, good cond Lehigh Co 215-395-1213

Notice - Storage garage & barn space for rent, ideal for antique, commercial recreational equip $30 $50/month Chester Co 215-384-2868

For Sale - Reg Alpine-Billy 5 yr sire-B Gay-Mor's Hallmark Louis, dam GCH Glen Dining's Mercena Lanc Co 215-445-6096

For Sale - 25 ton dry ear corn stored in narrow crib $150 per ton, can deliver Sch Co 717-345-4489

For Sale - Hay, tim & broom grass, out of field, 1st cutting, $50 ton or $1 10/bale Perry Co 717-834-4573

For Sale - Int #201 self-propelled haybine, pride of the farm farrowing crates includes feeders & waterers Columbia Co 717-925-6939

For Sale - MH combine 7' w/bin & pto $250 Badger 18' power-trac silo unloader w/motor & winch Berks Co 215-756-6298

For Sale - NI haybine, Ford baler, Ford 3 btm plow & disk, 3 pt hitch Berks Co 215-286-9425 after 6 p m

For Sale - 7 hp Galloway & 6 hp Cray Bros gas engines Carroll Co Md 301-346-7327

For Sale - Full grown part Beagle dog, also 2 black short hair cats, no reas offer refused Leb Co 717-272-5390

For Sale - AKC Lab Retriever pups, good hunting stock, shots & wormed, black & yellow $100 Perry Co 717-589-7253

For Sale - NH 717 1 row corn head & pick-up head Juniata Co 717-527-4551

For Sale - AKC Collie pups wormed $95 ea 2 cyl baler engine $250 Lanc Co 717-656-7742 between 5 30-6

For Sale - 2 row wide corn harvester head fits Field Queen or Hesston pull type harvester 717-944-5028

For Sale 10 8 acre pasture shep & stream $900/acre near Cocalico Sportsman Club 215-267-2446 between 12-4 p m

For Sale 1983 NI 456 round baler w/Gandy appl , very good cond $5900 Franklin Co 717 532 7837

For Sale IH combine #84 7' cut auger power take off drive, exc cond $10,000 1 owner 215 767 5739 Albert Baer

For Sale Int 203 com bine, 2 row cornhead, 10' cut, power steer, 4 cy motor $2500 Cambria Co Ebg 814 472 5692

For Sale - C 80 Woods mower pull type exc cond $1500 Mercury 3 sp transmission $75 00 Lanc Co (717) 626 2920

For Sale 1969 Chev pick up truck, ¾ ton, V-8 350 4 spd , w/cap 717 626 7654

For Sale Four #20 pride of the farm hog feeders Also 50'4" auger w/motor Franklin Co 1 717 597 8078

Wanted Powertake off shaft from T D 6 crawler power Take off gearbox, Aaron M Martin Box 31 Hartleton, Pa , 17829 0031

For Sale Used storm front carriage in good cond , Lanc Co 717-656 2846

MAILBOX MARKET

For Sale - JD 12A combine w/engine & 68 Ford ½T pickup Adams Co 717-624-4724

For Sale - Massey Harris clipper 50 pull type combine w/pto & bin, good cond. $300 York Co 717 456-5467

For Sale - 6 Holstein steers, all home raised, appr 500-600 lbs, 50 cents/lb or best offer Leb Co. 717-867-4575

For Sale - King Wyse potato grader, model B Northumberland Co Pa 717-286-0071 after 6 p.m

For Sale - Top buggy, good paint, fur interior, cabinet dash, very nice cond, must sell, make offer Lanc Co. 215-445-6970.

For Sale - 354 NH grinder mixer & 273 NH baler w/thrower & Fox BHB blower Cumberland Co 717-258-6010

For Sale - 205 combine 13' grain head, very good cond Snyder Co 717-658-7161 or 717-658-7079

For Sale - Puppies, Border Collie & Australian cross, good farm dogs, working parents $30 Milbourne, Cecil Co Md 301 398-2751

For Sale - Holstein herd of 26, will sell all or separately Clearfield Co 814-743-5216 or 814 743-5294

For Sale 4 Bodmin Nu-Pulse milker units, exc cond Western flow strainer, like new Blair Co 814-832-3334

For Sale - 80 Chev 4 w drive, pick up, 350 4 speed, 11,000 GVW, ps, pb, 33,000 miles $6800 Dauphin Co 717-362 9515

Wanted - 1 row potato harvester, also ram pump Joseph Evans, Berks Co 215-562-7394

For Sale NH 66 hay baler WC AC tractor, good rubber & paint, cultivators to fit Cumberland Co 717-249-1193

For Sale - 933G Cat loader asking $8300, very good undercarriage Columbia Co 717-458-6210

For Sale - Irrigation equip 1200' 3"-4" pipe, sprinklers & hale pump V T Petersheim R2, Box 315, Mifflintown, Pa 17059

For Sale - 1974 Chevy Luv pick-up, 19,000 miles on rebuilt engine, new paint, good truck, $1500 Snyder Co 717-658-3125

For Sale - Uni 710 combine & 713 grain head, nice shape, always housed, Franklin Co 717-762-9418

For Sale - Onan 18 KVA power plant w/complete auto control panel $3950 Bucks Co 215-257-7491

For Sale - New & used fence materials, 200 locust & sawed phone poles, 1600' heavy woven wire Adams Co 717-624-8197

Wanted - Single front wheel for high clearance Farmall H or single front wheel, Donald W Witmer, RD1, Washington Boro, Pa 17582

For Sale - 7' sickle bar mower, side mount for AC WC $125 Free kittens to good home Luzerne Co 717-654-1569

For Sale - McCurdy gravity grain box, like new, on skids, 165 bu $350 York Co, New Freedom, 717-235-1624

For Sale - Murray 5 speed, 20" boys bicycle Lanc Co 717-665-3669 after 7 p m

For Sale Int 1850 Loadstar truck tractor, DT 466 motor, 5 sp - 2 sp $7500 Bucks Co 215-297-8354

For Sale - Reg. Angus bull, Little Giant elevator 36', bale wagon 18'; bale wagon sides 16' Chester Co 215-857-3949.

MAILBOX MARKET

For Sale - 1972 Chevelle Malibu 4 dr AT PS PB, good mechanically $700/best offer Lanc Co 717 284-4647

For Sale - 1000 gal vacuum Badger honey wagon $1400 Kent Co 301-928-3703

For Sale - Motorola radios 4-micor FM 2 way radios, 5 handie com MH 10's w/chargers Monroe Co 717-629-5711

For Sale - Hay new crop by bale, 8N tractor Wasy L Onulack Sr RD 1, Box 177, Coopersburg, Pa 18036.

For Sale - 8' pickup camper sleeps 6, gas stove, ref tailgate step, portapotie $825 Lehigh Co 215-298-2896 after 6

For Sale - 450 brown pullets $3/piece Harvey Z Martin, East Earl #1, Box 363A, Pa 17519, West Black Creek Rd

For Sale - AKC reg German Shorthaired Pointer pups, wormed, 2nd farm on right from Route 23 on North Churchtown Rd

For Sale - Nubian kid goats, can be reg bucks $25, does $35 Lanc Co 717-665-5268 eves

For Sale - Ford 9N tractor 3 pt hitch w/both steel & good rubber wheels, Lyc Co 717-584-3697 after 6 p m

For Sale 65 Ford Mustang classic convertible, bench seat, engine overhauled, exceptionally good cond Lanc Co 717 569-7063

For Sale 1958 Int R190 30,000 GVW 5 sp w/2 sp rear, runs good, Lanc Co 717 768-8453

For Sale 25,000 Watts generator w/100 hp diesel engine, unit has less than 400 hrs $2500 717-582-4358 after 6 p m

For Sale - Dek Warren Sex-Sal yearlings, live or dressed Amos E Fisher, 2687 S Cherry Lane, Ronks, Pa Lanc Co

For Sale - 20 Holsteins, 10 just fresh & 10 close springers, good udders & health charts $950 Franklin Co 717-263 5702

For Sale - 12 hp David Bradley 2 wheel garden tractor w/reverse attach Lanc Co 717-872-6198 or 872-2641 after 5 p m

For Sale - 7 reg Hol calves, Sept Valiant from Mars, Columbus from Monitor, Molly Chief - Kingpin $5750 Carr Co Md 301-775-7493

For Sale - Int model 120 balance head mower $500 Swartz rollback body 26' $4000 215-598-7546 or 215-598-7357

For Sale - 3 thoroughbred mares, 2 w/foals by side & bred back. 2 yearling colts 1 filly yearling Mark, 215-255-4378

For Sale - 1976 LN600 Ford truck, 21,000 G V W, 361 V-8 Eng, 900-20 tires, 20' body, $1800 Berks Co 215 679-2439

For Sale - Angus/Hereford cows w/calves, 1 reg Angus bull, 1 Angus heifer 717-533-3144

For Sale - MF 13' grain header w/elec variable speed pickup reel, used less than 400 acres 814-793-2985 or 793-3874

For Sale - Now is the time to buy Broomegrass hay out of field, buy now, pay later Schuylkill Co 717-345-6362

For Sale - 1972 Chevy conversion van, ps, 3 sp, couch, TV, table, 60,000 miles $3200 Snyder Co 717-374-4215

For Sale - 10 reg dairy animals, 2 open heifers, 2 bred heifers & 6 cows, producing 17,000m Union Co 717-966-0656

Notice - For rent 2 bdrm apt on farm between Middletown & Hummelstown near 283, Christian or retired couple. Dauphin Co 717-566-0321

MAILBOX MARKET

For Sale - JD 3010 diesel tractor, 58 hp w/steel wheels, narrow front, in good cond $4500 Lanc Co 717-354-8894

For Sale - Water lilies 5 variety of colors, aquatic plants, hardy Jap Bamboo, bottle brush Buckeye Lanc Co 215 267-7846

For Sale - 28 Frick threshing machine, $400 8' grain binder $75 Lanc Co Ben Stoltzfus, 222 S Kinzer Rd, Paradise, Pa 17562

For Sale - Plain open carriage also buggy, both good shape Daniel K Stoltzfus, RD 1, Box 215B, Strasburg, PA 17579

Wanted - To rent Dairy farm for 50 cows for spring of 1985 For Sale - Shih Tzu puppies Lanc Co 717-627-0961.

For Sale - JD hyd ripper fits JD 1010, 2010, 350, 450, has mounting brackets $800 Lanc Co 215-267-3808

Wanted - Usable track chains for H-3 AC with or without pads Berks Co 215-683-6321

For Sale - JD 60 w/wo picker new brakes, front tires, & batteries LPTO hyd Cumberland Co 717 245 2624 after 7 30 p m

For Sale - Int B275 tractor w/2001 loader & buckets, 3 pt hitch 35 hp diesel $3800 Leb Co 717 865-3004

For Sale Reg Tenn walkers, 2 yr Stallion, Ebony, 1 yr filly Masterpiece, weaning filly, Grandaire Bedfrod Co 814-767-9622

For Sale 2 tractors w/cult AC WD $900 ACC $800 run good Berks Co 215-488-7383

For Sale - 1981 Honda motorcycle CM400T 1400 miles, has a luggage rack red & maroon color Dauphin Co 717-469-7448

Wanted - 30-35 school desks Franklin Co 717-532-7341

For Sale - Winpower alternator w/pto shaft & trailer DeLaval vacuum pump w/3 hp motor Cumberland Co 717-766-4382

For Sale - IH 93 combine 10' hume reel, 2 row cornhead, scourlkleen attach $1500 MD Co 201-257-2415

For Sale - 1975 Ford 5000 dual power w/MF 3 btm plow exc cond $7500 Sussex Co NJ 201-772-7626

For Sale - 4 row cultivator for WD 45 front mtd JD cultivators 3 pt hitch Caroline Co MD 301 479-1486

For Sale - MFS 950 bu grain bin, 6 4' high, 9' diameter rings on 4 legs $950 Huntingdon Co 814-684-1204

For Sale - Used poultry feeding system from Big Dutchman Tri-Deck, narrow chain type, good cond Steuben Co NY 607-356-3117

For Sale - 32' NH bale & corn elevator $400 90 bu JD auger wagon $600 Schuylkill Co 717-386-4743

For Sale - 2 bedroom bungalow, needs remodeling, located on Del Bay, fishing village 15,000 cash 18,500 w/owner finance 609-629-6596

For Sale - Chinese weeding geese some mature, some young $7/piece Elec fence brake Lanc Co 717-426-3992

For Sale - Patz chain barn cleaner 7 yrs old, complete unit approx 270' of chain, 18" flights Berks Co 215-678-9251

For Sale - Am Nubian doe, kids, top bloodlines w/high milk production backround, priced reasonable Franklin Co 717-532-3736

MAILBOX MARKET

For Sale - Timber & other lumber from large bank barn, brand new 60 hp Perkins gas engine Clinton Co 717 726-3659

For Sale - 2 Firestone Champion spade grip tires 18 4x26 William Lucas, Jr RD#1, Hill Rd, Box 250, Warfordsburg, Pa 17267

Wanted - Uni-System husker model 726 For Sale - Fox 2-row narrow corn head, exc cond Lanc Co 717-548-2877

For Sale - IH 430 baler #10 thrower, exc NI 270 cutditioner, MF 880 4-B auto-reset semi-mounted plow 717-253-5924

For Sale - 1 8-yr old black mule JK King, Paradise R1, N Georgetown 896 PA

Wanted - 2 sterling DeLaval milkers, Jersey or Guernsey cattle Urie Peachey, R#1, Box 232, Salisburg, Pa Somerset Co 15558.

For Sale - NH 68 hayliner hay baler w/Wisc engine, NI #7 corn picker Dauphin Co 717-469-2531

For Sale - Playful neutered male Ferret Sable, exc mask, litter tamed, shots $60 Perry Co 717-789-4358 10 a m -10 p m

For Sale - Beau Morgan stud colt, yearling, $375, can be reg Mifflin Co 717-483-6768

For Sale NI #7 corn picker, working cond $450 IH #2A hay crimper $50 55 gal drum w/pump $30 717 933-5232

For Sale Holstein heifer due in July, Israel Martin RD1, Port Trevorton, Snyder Co Pa Chapman Hollow Rd 17864

For Sale Biro meat saw 14" cut, cube steak machine, Kohler 5 KW generator 120 240 Columbia Co 717-356 2528

For Sale - MF 220 Backhoe w/6' front end loader, bucket for hoe, new tires A-1 cond $4900 Cumb Co 717 776-3682

For Sale - Investment property 3 house trailers, 1 acre lot, live in 1 rent others, water, septic, Adams Co 717-642-8221

For Sale - Pair of 18 4-30" & 13 9-36" tractor tires, $50/pair JD #10 sidemount sickle bar mower $200 York Co 717-432-5248

For Sale - Slightly used like new Vermeer 504 Super G round baler Allegany Co Md 301-724-6728

For Sale - Buggy w/brakes in good cond battery includ Levi L Stoltzfus, Vintage Rd, Paradise, Pa Lanc Co 17562

For Sale - JD 12A combine, engine driven, new canvas, ready to go York Co 717-266-4884

For Sale - Lite Case wagon gear, good cond 15" tires, $165. York Co 717-235-2032

For Sale - Zook liquid manure spreader, in exc cond Amos B Zook, Gap #1, Pa Box 95 17527

For Sale - 3800 gal steel tank from truck chassis, good for liquid manure, $225 Lanc Co 717-626-5438 after 5 30 p m

For Sale - 30 KW generator single phase or 3 phase Lanc Co 717-656-2530

For Sale - AKC reg Doberman Pinscher pups, John M Sensenig, RD#2, Box 769, Akron Rd, Ephrata, Pa 17522

For Sale - Farmall cub w/cultivator, plow mower snow plow & pulley, 1971 3020 diesel JD w/wide front York Co 717-637-8172

For Sale - Or Rent Exceptional dairy farm, pipeline, free stalls, silos, feed lot, big chicken coop, house, Lyco Co. 717-546-2848.

MAILBOX MARKET

For Sale - 6 AC farmette w/10 room farmhouse 5 miles south of Selinsgrove, view off 11 15 Snyder Co 717-658 5125

For Sale - 1972 Olds Vista Cruiser Wagon, $1900 or trade for old steam or gas engine Maryland 301-923-2430 or 301-987-0921

For Sale - 2 1950 or 51 Studebaker trucks for parts $100 for one, both $175 Leb Co 717-865-4961

For Sale - 8' Mc binder, working shape, 28" Frick thrasher for parts Amos Lantz, Lebanon R#7 PA, 17042

For Sale - Int 47 w/thrower, very good cond Northumberland Co 717-473-9417 eves

For Sale - 1980 Rabbit diesel, 4 door, 4 speed, new tires, good cond $3295 Berks Co 717-866-4280

For Sale - NI 752 hay crimper $475 NI 323 cornpicker like new $2675 High sides hay wagon $595 717-354-0266

Wanted - Milk testing equip, sample jars, test bottles, trays, etc any quantity Call collect 717-284-4340

For Sale - Heavy beams from torn down barn, seller reserves right to reject any or all bids Lanc Co 717-626 8191

For Sale - D2 Cat ser 5U12659, w/PTO, hyd, belt pulley & 4 B plow Good shape 215 445 5898

For Sale 1967 Dodge 1 ton truck cattle body $1000 Also Guernsey cows & heifers York Co 717 292-6396

For Sale Farmall F14 w/2 row cultivator for parts or fix up, not running, Chester Co 215 932-9323 before noon

For Sale - MH #35 self propelled, 8' cut combine York Co 717-292-2245

Notice - Stud service w/AKC beautiful sable & white farm collie, Reas also hay conveyer 26', reas offer Lanc Co 717-656-8585

For Sale - Dutch rabbit & Dove's, many different colors Adams Co 717-794-2352

For Sale Studio couch $15 Treadle sewing machine $45 End tables $5 Berks Co 215-926-5163 eves

For Sale - Nubian goat kids, nicely colored, does left, $35 Also some yearlings avail, ready to breed Berks Co 215-987-6098

For Sale - AKC reg tri-colored Beagle pups $40 each 5 HP riding mower $200 Franklin Co 717-328-5561

For Sale - PTO overrunning coupler for 1-1/8" shaft $50 3 pt carrier $75 A-frame tool board $10 Northumberland Co 717-758-9220

For Sale - Timothy-Clover Hay $1/bale off the wagon Contact Fred Semrau, Rt 17 South of Millerstown, Pa 17062

For Sale - Large no of tile building blocks, 12"x12"x6", 12 cents each, Perry Co 717-564-8177 after 7 00 p m

For Sale - Front mount AT-20 cultivators for 520, 620 or 720 JD tractor $50 Del Co 215-494-1411

For Sale MF 1085 diesel tractor, 2900 hrs good cond $5500 804-547-3417 or 421-4141

For Sale Purebred Suffolk sheep, Yearling ram $150 Yearling ewe $90, Ram lamb $50 Lanc Co 717-367-4178

For Sale - Surge, ARC 500 gal stainless steel milk tank w/washer 3hp compressor, used only 1 yr Harford Co 301-879-0985

MAILBOX MARKET

For Sale - 2 Oliver 40 plow shears, new 2 2-cyl tractor magnetos Aaron J Stoltzfus, Gap R1, Lanc Co PA 17527

For Sale New & used belting up to 100' long Silo fillers Daniel Miller, 2822B Stumptown Rd, Bird-in-Hand, Pa 17505

For Sale - 41'x7" transport auger $900 IH 656D 3 pt dual hyd $4850 Cumb Co 717-776-5672

For Sale - JD hay baler, AC sickle bar, hay rake, Harford Co Md 301-836-7092 after 5 p m

For Sale - JD 316 tractor hydrostatic drive, 48" mower & hyd angle snow blade & weights $3000 Berks Co 215-944-9267

For Sale - Free puppies, Collie & Sheabred Mix, 8 wks old Lanc Co 215-445-4478

For Sale - Linsay air compressor, portable 25 CFM w/Wisc engine, good cond Lanc Co 717-687-6539

For Sale - Patz barn cleaner, left hand 210' heavy duty chain Lanc Co 717-656-7925

For Sale - 5 yr old Standardbred driving horse, trotter, traffic safe & sound Lanc Co 717-354-6192

For Sale - 1 50 lb Surge unit, 1 strap, extra lid & pulsator $100/best offer Parkesburg, Chester Co 215-857-5889

For Sale 2 grade Holstein heifers, dehorned, vac due Dec & Feb, nice size $700 each Northampton Co 215 588-5791

For Sale Dwarf bunnies Lanc Co 215-267 2782

For Sale AKC yellow chocolate, black Labrador Retrievers, ready to go, 2nd week of July 717 354-9605

For Sale - Locust posts, 3 yr old work horse, Lanc Co Ephraim K Stoltzfus, Box 241, Narvon R2, Pa 17555

For Sale 4 Holstein dairy cows from average herd Leb Co 717-866-5455

For Sale - 2 Farmall H tractors w/cult 1 w/live shaft $700 / $1100 Berks Co 215-488-7383

For Sale - MF #3 baler w/NH #50 engine driven ejector, works good $495 Cumberland Co 717-776-5237

For Sale - AKC Labrador Retriever puppies, black, 6 wks old $50 Leb Co 717-838-6598

For Sale - 1956 General Motors grain trucks, 14' dump, good cond, good tires, Leb Co 717-865-4329 or 865-6220.

For Sale - Mulch hay 50/bale or $30/ton York Co 717-432-9056

Wanted - Used 3 pt scraper for 9N For Sale - F-20 rough, not run, $400 Berks Co 215-775-4050

For Sale - 5 burner new perfection oil stove, Deering horse mower, Gideon Stoltzfus, RD1, Blain, Pa 17006, Perry Co

For Sale - Parts for 706 Gehl silage wagon, 216 JD & ear corn, hay 717-992-4408

For Sale - Farmall Super A, in new cond w/plow & cult Monroe Co 215-681-4694

TRUCKS & TRAILERS

MAILBOX MARKET

Wanted - Cattle head gate w/shute Lanc Co 717-665-4743

TRUCKS & TRAILERS

NEED CASH? We buy unwanted trucks and parts, scrap aluminum of any kind. Wrecked dumps, vans, flats, tank trailers, etc. Call 215-944-9871 (evenings).

For Sale - 2 1976 45' Budd dry freight vans. Fixed tandem 11x24.5 Budd wheels, $4250 each. Call 215-948-7900. Ask for Dave Skipper or Rhonda Bertolet.

For Sale - Roll Back and Grain Dumps, 1 ton through tandem, 45 ft. and 48 ft. roll back and combine trailers, expandable sides. All priced to sell. 814-623-9696.

3 Fruehauf flat trailers with 8' bulk heads. Suitable for hauling hay and straw - 1964, 38' long; 1962, 40' long; 1968 43' long. 717-285-3628 or 285-5298 after 6 PM.

STORAGE TRAILERS FOR RENT - 40 ft., nice, available immediately, delivered. Office trailers also available. 301-771-4529.

For Sale - 20' stake body (1) 2 speed rear end. Various International parts for 1600 and 1700 series. 215-377-4549 Call evenings.

For Sale - 1971 Int. 1600 Loadstar 345 engine, heavy duty 26,000 gross wt., power steering, 9.00x20 tires, 16' bed with cattle racks, racks can be removed to make flat bed or grain body, truck in good condition. Blair Co. 814-832-2491.

For Sale - 1700 Int. V8 diesel Truck, 5 Speed, 2 speed, double frame ideal for 7x9 dump, 26,000 GVP. Lehigh County. 215-767-5512.

1980 Chevrolet 2 ton custom-built flat bed truck w/Detroit diesel engine, 10 mpg, set up to pull goose neck trailer or Reeses hitch; also Hillsboro 30' tandem axle dual wheel trailer with Beaver tail loading ramps & Michelim tires, both units are in excellent condition. Financing could be arranged. 301-398-2948.

'83 Chevy pick up, V8, automatic, PS, PB, 8000 miles. 717-733-9429.

'77 Ford Truck with Jerdan roll back, 350 Ranger, 4 speed, PS, PB, good condition, $7950. 717-733-9429.

Parts for 270 Cummins RTOF 95, 13 speed transmission, 34,000 lb. Rockwell rears, 4.11 ratio, Henderickson suspension; 1020 and 1022 Daton truck rims. Call after 7 PM. 717-374-8965.

1970 Polar Tanker, 4500 gal. insulated stainless steel one compartment shell damaged, no leaks, $2,800; 1973 Trailmobile 45 ft. storage trailer 10.20 tires, tandem axles, slider, $1,350. 215-838-7271.

1969 Chevy 21,000 lb., 14' flat dump truck, 4 speed, 2 speed, 292, 6 cylinder, new paint, $3,000. Bucks Co. 215-297-8354.

FOR SALE - LN 800 Ford w/15' grain bed, 15T hoist, gas, air brakes, 36,000 GOW. Perry Co Call Eve. 717-444-3898.

1974 GMC MOTOR HOME, 260, Painted Desert, Self-Contained, Hot & Cold Water, Air Conditioning, Generator, Sleeps 6, Formerly Owned & Meticulously Maintained By General Motors Executive.
Priced To Sell $23,900

Rhodes Oldsmobile
Gilbertsville, PA
Call toll free: 1-800-362-7655

TRUCKS & TRAILERS

1965 Dodge grain truck with hoist, good rubber and mechanically sound. 717-284-4648. Call after 5 PM.

For Sale - 1974 Chev. truck, 427 motor, air brakes, power steering, 12-23 axle, 17 ft. grain dump bed. 1965 Ford F250 chassis. 717-444-3968.

Chevy S10 pickup, automatic, PS, PB, AM/FM, 5 years or 50,000 miles, lifetime rust proofing. Can call anytime. 301-662-4180.

1980 GMC Crew-Cab, V-8, auto dual wh., new tires, paint, $6,800; Small Bulldozer, runs great, cleat needs welding, $800; '81 Toyota, 4 WD, needs cab, $2,800; 11' highway snow plow, $300; Welders body for 1 ton, $300. 609-629-6596.

For Sale - 24' flatbed w/36" head board, oak floor w/side board pockets, excellent condition, $950. 717-768-3274.

A nice 1974 tandem International truck. Has a new 20' grain body. Body and hoist are new. Has all new tires. All in perfect condition. Call 301-429-2962 after 6 PM.

Have 26 ft. Flatbed Fruehauf Trailer with Spare 5th. Wheel-Crank down wheels to remove from Tractor, Dual 900x20 tires. Excellent condition, $800.00. Firm. Thomas Brown, P.O. Box 259, Crownsville, MD. 21032. 301-923-2430 or 301-987-0921.

For Sale - Lime Trucks 1963 Diamond T, inspected, working, 6 cylinder, gas, 5 & 2, 10-20 tires, $5,000. 1967 International S.A., 10 speed Road Ranger, V8, gas, 9-20 tires, needs brake repair, $5,000. Baltimore County. 301-357-8314 or 301-357-4073.

For Sale - 1974 Morgan 30' dump trailer, excellent condition. 302-653-7823.

'83 Chevy C10, 4 WD pickup, 305 4 speed, PS, PB, radial tires, $8,500. 717-733-2873.

'81 Chevy C10, 4 WD pickup, 305, auto., PB, PS, sliding rear window, white spoke wheels, $7,650. 717-733-2873.

'82 Chevy C10, ½ ton pickup, 6 cylinder, 3 speed, AM-FM, radial tires, excellent condition, $4,975. 717-733-2873.

'78 Chevy heavy duty ¾ ton pickup, 454 4 speed, PS, PB, air w/gooseneck hookup. As is $1,800. 717-733-2873.

'81 Datsun diesel King Cab pickup, 5 speed, AM-FM w/cap, $4,550. 717-733-2873.

'83 Ford F150 Explorer ½ ton pickup 6 cylinder, 3 speed, overdrive, PS, PB, 2,000 miles, like new, $7,500. 717-733-2873.

Wanted older model truck-tractor in good running condition. Must be geared low enough to use around farm. 717-726-3659.

1980 GMC 6000, 16 K miles, 8 ft. x 16 ft. metal stake body, gas, 20,000 GVW. 215-757-7727.

TRUCKS & TRAILERS

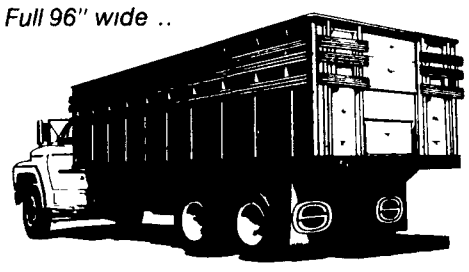
26' aluminum dump trailer, 22" tires, good condition, $5,900. 717-665-4785.

Reo all wheel drive $3500 or best offer, Good 10:00 20 rubber

Curry Supply
Curryville, Pa.
814-793-2829

Grain & Livestock Bodies

Full 96" wide ..



- One-piece roll formed steel sides with built-in tarp rail Available in 28 40 and 52 extra capacity heights All with maximum corrugation for maximum strength
- 40 48 and 54 hardwood sides available the truck body Omaha Standard built its reputation on
- Maximum legal width of 96 means more payload
- The toughest platform in the business — laminated wood smooth steel treadplate or steel over wood
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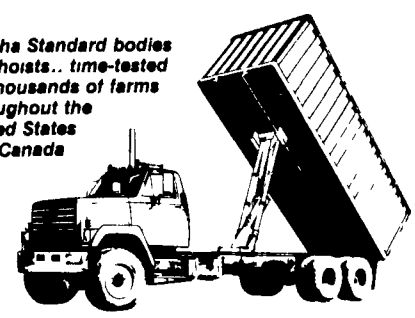
- A full line of rugged gates — engineered to make your job easier
- Twelve conversion hoist models — scissors or stabilized Olympic telescopic
- Also available Omaha Standard stakeless steel grain bodies aluminum grain bodies and grain pup trailers

Omaha Standard bodies and hoists.. time-tested on thousands of farms throughout the United States and Canada



FARMERSVILLE EQUIPMENT INC.

RD 4, East Farmersville Road
Ephrata, PA 17522
Located in the Village of Farmersville, Lancaster County
717-354-4271
Omaha Standard

TRUCKS & TRAILERS

General engines, 12 ton Tag-Along trailer, 18' deck, O.K. shape, $3,000. Bucks Co. 215-297-8354.

TRUCKS & TRAILERS

6 ton trailer, deck tilts, good condition, $1,400. Bucks Co. 215-297-8354.

For Sale

100 10x22.5 rib design and lug design tubeless truck tires. Brand new. Also used 10x22.5 rims. These tires fit straight trucks and class 6 vehicles Equivalent to tube type tires 9 00x20. Call for quantity pricing:

215-948-7900
ask for Dave Skipper or Rhonda Bertolet

1979 International 4300 Eagle conv with sleeper 8V92T, 12515, 12x38 axles, power steering, air conditioning, 205" wheel base, Jake brakes, aluminum buds all around, radials, Imran paint, AM-FM cassette, wet line, lots of crome and many extras Asking $35,000 Trailer available

Call **717-833-2784**
or after 6 PM
717-833-5262

REAL ESTATE

Lowville, NY area. Excellent 400 acre operating dairy farm. Modern Stantion barn, silos, beautiful large home. Village water. Reason For Selling--Poor Health. Price reduced from $495,000 to $300,000. Complete. Moonans Real Estate, Boonville. 315-942-4824. Salesperson for appointment only. Joe Campany. 315-376-6868.

For Sale - Farm 80 acres w/pasture and stream, remodeled executive type home, 3 miles north of Lebanon. Price $240,000. Contact owner at: 717-867-2053.

283 acres operating dairy farm, 155 plus tillable, 3,000' river frontage, sandy & clay loam soil, 90 cattle, 44 milkers, some machinery ideal for dairy. Investment, retirement near Lake Ontario & St. Lawrence seaway, $156,000. Call 315-628-5850 between 7-8 a.m.-p.m. EDT.

For Sale - Bedford County approximately 174 acre practically level farm land under cultivation w/stream. Also ajoining 140 acre tract w/5,000 Christmas tree seedlings. For Sale By Owners. For more information call 814-276-3272. No realtors.

TRUCKS & TRAILERS

(2) 1979 Diplomats, 4 doors w/air.
1978 Ford Fairmont Coupe, 4 speed, SPECIAL $2795.
1980 Champ Coupe hatchback, automatic.
SPECIAL- Brand new '84 Rampage pick-up, $6995.
1981 Aries K, 2 door, stick.
(2) Colt wagons.
(2) 1983 Aries 4 door w/air, low miles.

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Route 230 East Next to Shopping Center
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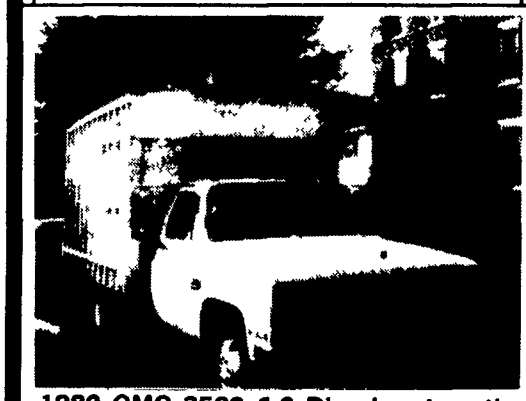
SAVE BIG BUCK$ ON OUR TRUCKS!



1982 GMC 3500 6.2 Diesel, automatic, power steering, power brakes, AM/FM radio, 12' aluminum cattle body, ready to work.

In Stock - Immediate Delivery. 1984 Ford F600, 18' Eby aluminum body, priced right, ready to go.

Immediate Delivery

New Holland Ford
Route 23
New Holland, Pa.
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354-4901

CLOSED ALUMINUM FEED BODY

Clark 24 Ft. Long - 6 Compartment
(115 Bushel Each)
Auger Unload w/26 Ft. Boom
1978 Unit. Exc. Cond.

$3000 Or Best Offer
717-746-3426 Evenings

REAL ESTATE

FOR SALE OR TRADE - 60 acre poultry and horse farm, 35,000 layer house, bank barn, remodeled for horses, 4 BR farm house, 2 mobile home hook-ups. 215-562-7776.

If you would like to own river bottom land, pine and hardwoods, fenced pasture, and barns
Here it is PLUS!
A very nice 4 bedroom country home, with a large kitchen, spacious living area and more. Town of Lindley. C-11 Ask for Jerry or Kevin.

Very Nice "working farm" with sugar bush. Large barn, sugarhouse, shed, & corn crib. Present owners producing Maple syrup & candy.
4 bedroom country home, cherry wood staircase nice large rooms, & workshop off the kitchen.
Steam on property with approx. 1900' of road frontage. 2.5 miles off Rt. 417 near Addison. F-26 Ask for Jerry.

Located in the Town of Howard on the Turnpike Rd. at Mill Road. 245 acres with a recent survey, pond, fenced pastures, apple orchard, approx. 65,000 pines, and approx. 100 acres of hardwoods, water and electric available. CVL-4 Ask for Jerry.

57 acres of pasture land. Good fences, water and grass. Ready to go. Moore Farms. 717-569-0416.

FOR SALE BY OWNER - 48 A. FARM CUMBERLAND CO., PA. - 26 A. in crops, corn, oats & Hay balance in pasture. Large barn with 25 tie stalls. 80' loafing area, Fickes Silo with unloader, 2 machine sheds, corn crib, milk house with 2,000 lb. bulk tank. Two good wells. Two story house with modern kitchen including dishwasher & electric range. 1½ Baths. House completely remodeled inside & out. Electric heat also Kodiac wood stove. MUST SEE TO APPRECIATE. $130,000. Low down payment Owner will finance 10%. Immediate Possession. OPTIONS - Full line of late model farm equipment 30 Head of beef cattle (can buy all or any part). Phone (717) 776-3181 ANYTIME.

Have 1¼ acre lot off beautiful Smyrna Beach, Florida. Will trade for Two New Holland Engines in good running condition. Preferably One 1 HP and One 6 HP. Contact Thomas Brown, P.O. Box 259, Crownsville, Maryland 21032. 301-923-2430 or 301-987-0921.

Wanted - 35+ acre small farm northern Berks Co., possible owner financing? Price around $12,200 per acre? 215-926-2118.

150 acres prime Tioga Co. land, 1,500' road frontage, $75,000 or 50 acres, $39,500. 717-659-5135.

WANTED TO RENT - 20-30 cow dairy barn w/pasture, preferable with house. New Jersey, Eastern Pennsylvania. 609-896-0640.

Juniata Co. Place For Sale. 20 acres, timber, large brick house. John Sausman. 717-463-2868.

FOR SALE - Two bedroom brick rancher, storm windows, custom draperies, hardwood floors, fireplace, built in burner and stove, refrigerator, full bath, cement basement with knotty pine partitions, washer and dryer hookup, oil, hot water, baseboard heat, $55,000. Phone 717-677-8893.

Woodland Mifflin County - 31½ acres in Little Kansas Valley, 7 miles from Belleville. Very nice piece of land w/a beautiful homesite. $39,900.
2 acres Little Kansas Valley, $6,000.
Lewistown Insurance Realty Co., 101 S. Main St., Lewistown, PA. 717-248-6721.

REAL ESTATE

28 Acre Farmette, Juniata County, remodeled two-story home, barn, out buildings, pond, $68,000 717-436-8707.

Bradford County Dairy Farm - 140 acres with 100 tillable, mostly flats, in good state of fertility. Additional 60 acres of rented ground available. All new concrete block, 2 story, 44 cow tie stall barn and milkhouse with enclosed manure loading area and heifer barn, 3 silos. Full line of machinery and equipment in excellent condition. 44 registered and grade Holstein cows; 25 heifers. Herd average 17,300, 620 fat. Stately 2 story farm home with 4 bedrooms, 2 baths, garage. This is a top dairy farm, only available as complete package by owner. $370,000 firm. Serious inquiries only. 717-673-8891.

For Sale - 12x70 house trailer. Was used for School. Ideal for office space also. Good condition. Best reasonable offer will be accepted. Call 717-865-4268 or 717-865-2405.

Scenic Oley Valley - 110 acre dairy farm, 1854 two story stone Colonial, large barn and numerous outbuildings. Picturesque setting with creek, view of nearly covered bridge and countryside. Offers considered. Call 215-689-9432 or 215-689-5347.

For Sale - 67 acre farm near Reading, PA. 60 acres tillable, 4 bedroom house, barn, sheds, silo, ½ acre stock and pond. Will help finance. 215-693-5624.

Country roads take you home to the beautiful views of these scenic properties in Huntingdon County. Build a cabin 4 miles from Whipple Dam. Drive 17 miles to Penn State's football stadium. Five acres, $5,300. Financing available. 814-237-0559 for maps and information. Keep trying.

For Sale - 145 acre dairy farm. 125 tillable. Two barns, two silos. Large house. Somerset Co., PA. Reply to Lancaster Farming, Box 366, L-29, Lititz, PA. 17543.

HURRY! FOR THIS!

Scenic Bedford, PA area; 200-acre farm; tillable fields and woods with timber; private stream with lakesite; 3-bedroom home has large country kitchen; 40x60 barn; storage shed; corn crib; secluded scenery. $120,000. No. B-4709. WEST REAL ESTATE AGENCY, INC., R.D. #5, Box 99, Bedford, PA. 15522 or call (814) 623-8594.

FREE CATALOG!

Describing numerous Pennsylvania farms, camps, acreage tracts, cottages, homes and businesses. Write Dept. LF, WEST REAL ESTATE AGENCY, INC., 5528 William Flynn Highway, Gibsonia, PA. 15044.

FARM-2 HOMES-WATER

Millerton, PA area; 298 acres; 70 tillable; 160 pasture; woods for hunting; private pond; springs; fishing stream; 2 homes; 2 barns; 3-car brick garage; silo; milk house. Price $225,000. No. D-7806. WEST REAL ESTATE AGENCY, INC., R.D. #2, Box 120, Gillett, PA. 16925 or call (717) 537-2400.

PA. LAND SALE

Near Towanda, PA; 64 acres with well & creek; 1800' rd. frontage. $25,700. No. 6643. WEST REAL ESTATE AGENCY, INC., 105 E. Main Street, Troy PA. 16947 or call (717) 297-4410.

FOR RENT - Dairy facilities for 200 cows, free stalls, double fix milking parlor w/automatic takeoffs, plus Delaval Challenger feeders, mixer wagon & silos. 215-588-4704.

REAL ESTATE

FOR SALE - 30 acre farm in Perry county. House & Barn, $59,900. Call Francis Ulishney. 717-272-2989. Suburban Realty. 717-867-4487.

Huntingdon County - 338A Commercial Dairy Farm; 50 Holstein cows; 32 heifers; full line of machinery and equipment; sell as package or any combination of land and buildings, livestock, equipment. Rob Schrack and Associates, Realtors, Huntingdon, PA. 814-643-6600.

Lycoming Co., PA. - 221 acre egg farm in operation. Fully automated in line production and processing. Equipment and buildings in excellent condition. Certified processing plant and egg marketing business also available. 717-324-3594.

FOR SALE - 100 acre, prime farm land, beef & grain farm, 12 miles north of Lancaster. Owner Retiring. Financing Available. Lancaster Farming, P.O. Box 366, R-8, Lititz, PA. 17543.

For Sale - 106 acre sheep farm, Greenwood, NY 4 bedrm house, woven wire fencing, 50 tillable, pond next to house with spectacular view. Priced at 69,900. Vacant lands via lable $300 per acre. Give us a call or write and let us know what you're looking for.

McKenna Realty
Dryden Hill Road
Greenwood, NY 14839
607-225-4256

2 story brick house in Lititz for sale, write to Lancaster Farming, PO Box 366 D-146, Lititz, PA 17543.

OXFORD AREA, 54 acres, no buildings over 3000' road frontage $3,000. per acre. Hayes Oxford 215-932-3092; evenings call Tony 215-593-5628.

WEST SADSBURY TWP, Chester County, 24 acre farm, stone house, bank barn, 2500' road frontage, excellent condition and location. Hayes Oxford 215-932-3092, evenings call Tony 215-593-5628.

15 acres clear and wooded land with 12x60 mobile home, Saville Township, Perry Co., $42,000 also two 10 acre tracts, $2,000 acre. 717-582-8777.

Dairy Farm - 131 acres, 110 tillable pipeline, barn cleaner, 33 comfort stalls, extra cow shed, heifer shed, outbuildings, 2 silos, large house, pool. Centre County, Owner Finance. No Realtors, down payment required. 814-349-8706.

For Sale - Modern 3 bedroom brick and aluminum siding rancher on 7½ acres, $69,000. Beaver Springs, PA. Call 717-658-7418.

For Sale - 1½ acre lot near state game lands and creek. 717-527-4093.

For Sale - 1 room red brick school house near state game lands. 717-527-4093.

For Sale By Owner - Lancaster Co., Cocalico area. 14½ A., 390' road frontage, 12 A. tillable balances woods, $4,100.00 per A.; 11½ A., 420' road front meadow and woods, $3,900.00 per A.; 1½ A. corner lot, $14,200.00; 6 unit brick apt. on 1½ A. lot. 225 Ridge Ave., Ephrata, $126,000.00. Call 717-733-3980.

FOR SALE - 44 acre farm, Lititz area. 4-bedroom house, barn, feed lot, 2 silos, laying house, 4-car garage. Owner Financing Available. Lancaster Farming, Box 366, L-28, Lititz, PA. 17543.

Dairy Farm - 131 acres, 110 tillable pipeline, barn cleaner, 33 comfort stalls, extra cow shed, outbuildings, 2 silos, large house, pool. Centre County. Owner finance. No Realtors, down payment required. 814-349-8706.

REAL ESTATE

If you're looking for a farm, land or have any other real estate needs, you'll find what you want in the Real Estate classifieds. 717-394-3047 or 717-626-1164.

100 acre Southern NY farm, refurbished house, w/w carpeting, electric heat, wood stove, bank barn, machine shed, out buildings. Picture postcard setting. Valley inside a mountain. $69,000. 215-754-7316.

Southern Huntingdon County dairy farm. 175 acres with 150 acres tillable, large barn with 44 stanchions, 2 nice homes, stream and good spring on property. Many other extras, $315,000; Southern Huntingdon County dairy farm. 111 acres, extra good home with 7 rooms and 2 baths. Good barn with 27 stanchions, milk house and wagon shed, $125,000. Colonial Real Estate Agency. 814-447-5511.

For Sale - Dairy Farm, Bradford County, 106 acres, 50 tie stalls, 4 silos, bunk feeder, heifer barn, equipment shed, 3 year old stainless steel pipeline, 4 bedroom house, good condition. Additional acres rentable. 5½ F.H.A. transferable mortgage if qualified. 717-746-1575.

Wanted To Rent - Steer farm in Dauphin, Cumberland or Franklin Counties. Would consider other counties with good growing conditions. Call 717-569-4762 or write Lancaster Farming, Box 366, L-25, Lititz, PA. 17543.

Bedford County - 50 cow dairy farm, 240 acres, 96 tillable limestone soil, will divide. For details call 814-847-2833.

Madison County, N.Y. - 280 acre Dairy Farm, 84 stall barn, pipeline bulk tank, two 20x50 silos, outbuildings, two homes, excellent condition, $235,000. 315-662-7708.

Year round camp ground close to state game lands. 17 camp sites with new sewer, water and individual electric meters. Approx. 4½ wooded acres. $59,900. Contact Freda Wentz at CB/MGM Realty. 717-245-2450 or 717-790-9390.

175 acre farm in operation. Jefferson Co., NY. 40 tie stalls, silo, heifer barn, new milkhouse, woodland. $65,000. 315-628-5722.

FOR SALE - 45 acres M/L large turkey house in York Co. Tel. 717-862-3372.

For Sale - 13.9 acres zoned agricultural. Close to Middlecreek wildlife area. Modern 3 bedroom, 2 bath log home, $120,000. A. Clark Burkholder R.E. 717-866-5550.

Wanted/Needed - in Lebanon County. Farm with 110-150 tillable acres. Stone farmhouse, barn and silo. Call Now! A. Clark Burkholder R.E. 717-866-5550.

Lebanon County, PA. - farms and farmettes for sale: 5 acres w/owner financing, 2½ story home with outbuildings. Near Schaefferstown, $85,000. 5 acre farmette with cultured orchard, Stately 2½ story home. Price $85,000. Sale needed to settle Estate North Annville Twp. 115 acre beef farm, $245,000. 47 acre Limestone farm with stone home and barn, $240,000. 155 acre beef farm, eighty acres is fenced, stone home. Write or call for descriptive brochure: Realtor-Auctioneer: Nelson Ebersole. 717-867-4487. Suburban Realty, 30 West Main Street, Annville, PA. 17003. Phone 717-273-9358.

For Rent - Dairy facilities. Will sell young, high producing herd and supply feed. Bedford County. 814-839-4271.

WANTED
Farm for 30 sow feeder pig operation. Looking to expand.
Will buy or lease with option.
814-259-3703

River Front Farm
177 acres, 77 river flat, 100 wooded Nice ranch house, large barn, airplane hanger, 1,500' landing strip. Long frontage on Tioga River. Asking $100,000.00.
LEW Real Estate
141 Chestnut St.
Corning, New York
14830
607-937-5637

Dairy Farm
For Lease:
Potter Co., immediate occupancy, 140 acres tillable and pasture, very nice house, large barn plus other buildings, free gas
Phone
814-698-2400

Franklin Co. Farms

190 acres w/150 tillable acres of limestone land

268 acres modern dairy w/double 6 parlor, 210 free stalls

157 acres dairy, 36 tie stall barn & loafing barn

105 acres general farm w/lovely home, make offer

95 acres grain farm, excellent land, modernized brick home.

Van Cleve Real Estate
Phone: 717-392-3032
anytime

DOUBLE EXPOSURE
Farms, commercial properties and unusual homes, will be advertised in the Multi-List Services of both Lancaster and York Counties!

OLD STONE
Close to Lancaster, this fine old stone and brick home is waiting for restoration. 6 acres of pasture make this an ideal mini farm for horses. Bank barn and stream. Penn Manor Schools. 7 additional acres available.

HIDE-A-WAY
10 acres of woods and pasture surrounded by hundreds of acres of gamelands and woods insuring privacy and quiet. 7 year old delux 2 story home with all extras. 3 car garage, 2 fireplaces, heat pump and wood furnace. Owner financing available. Penn Manor School District.

JUNIATA COUNTY
This fine large country home known as the GOODLING MANSION is just right for restoration to a gentlemans estate or hobby farm. 16 acres and outbuildings. Rooming house or rest home possibilities.

PROPERTIES NEEDED
I need listings of small farms, rural land and country homes in any condition in southern Lancaster and York Counties. Please call now!!

mott holt realty
299-2578
146 East Walnut St.
Lancaster, PA 17602
or
426 South Main St.
Red Lion, PA 17356
Phone: 244-8556

LANCASTER COUNTY BEEF & VEAL FARM
105 acres, 65 tillable, 16' plus silo, bunk feeder, room for 165 head veal calves.

BERKS COUNTY
44 acre farm, 4 bedroom frame house, bank barn, wagon shed & stream.

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Sylvester Baum, Carlisle, 717-776-3967
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Broker-J Irvin Denlinger
717-898-8962

"GRAND CHAMPION-DAIRY"

1st Prize for most BEAUTIFUL SETTING on 233 acres with great soils and productivity.

1st Prize judged for a "SUPREME" 5 BR HOME completely remodeled, immaculate interior, vinyl sided and large inground pool.

1st Prize awarded for a GREAT BARN that a real dairyman can appreciate, ties 85 with 2" pipeline and silos.

1st Prize for BEST COMBINATION of 100 Top Eastern bred holsteins and spotless lineup of machinery!

This S&E farm typifies the best our Beautiful Mohawk Valley has to offer. Retiring owner wants to talk price!

Homestead Realty
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Fultonville, N.Y. 12072
518-922-6301 or
518-922-8899

USA Buildings - Agricultural - Commercial, full factory warranty, all steel-clear span, smallest building 30x40x10, largest 70x135x16 30, 40, 50, 60 ft widths in various lengths Call 24 hrs, 1-800-521-0334 ext 540 Must sell cheap immediately, F.O.B, will deliver to building site

BERKS CO. POULTRY FARM
60 acres, 35,000 capacity layer house, farm house, bank barn, 2 approved mobile home hookups, room to expand in quiet rural setting of dairy farms.
215-562-7776

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CENTRAL PENNSYLVANIA FARMS, FARMETTES, LAND & CABINS

We presently have one of the largest selections of farms, farmettes, land and cabins available in central Pennsylvania We have over 50 exclusive listings

Our Farm and Land Department would be happy to mail a free, detailed farm and farmette list or land and cabin list to you

See the June 23 and July 7 issues for a complete farm inventory.

FARM AND LAND DEPARTMENT

Fred Strouse (814) 364-1705
Don Myers (814) 422-8111
Mel Rockey (814) 466-6688
(Bedford) Richard D. Reed (814) 839-4271
(Huntingdon) Rachel Port (814) 669-4194

KISSINGER LEONARD & BROWER Realtor

Frederick J Kissinger, Realtor
William H Leonard, Realtor
Ralph F Brower, Realtor
245 S Allen St.,
State College, PA 16801
(814) 234-4000

LIMESTONE SOIL

Modern 188 Acre Dairy Farm... in beautiful Morrison's Cove near Martinsburg, Pa. Cement block barn with 46 tie stalls and attached free stall barn with 57 free stalls. Six silos, new calf and heifer barn. Large implement shed, many other extras. Owner financing to qualified buyers.

YOU MUST SEE THIS FARM BEFORE YOU BUY!

RICH BRANDT FARM REAL ESTATE
2230 5th St. Highway, Reading, PA 19605
(717) 274-3622 - office - (215) 378-1122

DO YOU WANT TO - SELL YOUR FARM?

Call Toll-Free
1-800-232-2460
Ext. H637
INTERNATIONAL REFERRAL

SALE OF FARM BY UNITED STATES GOVERNMENT.

Farmette containing 16 acres, 11 cropland, 3 woodland, with balance in farmstead and roads. 1 poleshed 60x90 built in 1978, modern 2-story aluminum-sided dwelling, full basement. Formerly owned by Kenneth S. and Fay A. Horning, located in Township of Jordon, County of Northumberland, PA. 3 miles NE from Pillow off PA Route 225.

BID DEPOSIT: Bid must be accomplished by cash (sent at bidder's risk), certified check, cashier's check, postal money order, bank money order or personal check, payable to the Treasurer of the United States, for at least 5% of the total bid.

RATES AND TERMS: Cash or terms of not less than a 5% down payment with the remaining balance amortized over a period not to exceed 25 years at 10¾% interest.

TERMS OF SALE: Contact County Supervisor, Farmers Home Administration, 1127 Old Berwick Road, Bloomsburg, PA 17815, for appointment to inspect the farm. Sealed bids are invited and will be accepted until 4:30 p.m. EDST, 6-29-84, at the Farmers Home Administration, 1127 Old Berwick Road, Bloomsburg, PA 17815, and will be opened publicly at 9:00 a.m. EDST, on 7-2-84, at the Farmers Home Adminstration, P.O. Box 252, Federal Building, Lewisburg, PA 17837. The Government reserves the right to reject any or all bids. This farm will be sold without regard to race, color, religion, sex, age, national origin or marital status.

Further information and bid forms may be obtained at the Farmers Home Administration, 1127 Old Berwick Road, Bloomsburg, PA 17815, Telephone (717) 784-9033.

LEBANON COUNTY
75 acre land southwest of Jonestown, stream, 30x30 building, 1 building lot 200'x400' perked and approved
717-933-8943

FREE CATALOG #56 lists rural property, businesses, ranches, homes, rental properties & more! FREE!
American Farm Digest, 3546 Watson, St. Louis, MO 63139
(800) 325-9943

For Lease
Farm, 100-200 acres - Southern N.J Beautiful, 2½ story Modern Home 3 car garage, large barn good out-buildings Large pastures - ideal for horses or cattle Price negotiable - write for details and appointment to see Lancaster Farming, Box 366, R82, Lititz, PA 17543

FREE! SUMMER '84 CATALOG!
266 pages; over 5400 properties, 2300 pictures! Values in every type of real estate, many owner financed! From 600 offices in 43 states Get your FREE copy NOW!
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221 ACRE FARM
2" stainless steel pipeline, tank, 3 silos, overlooking Seneca Lake.
For Sale or Lease
Owner financing.
607-243-8669

NORTHUMBERLAND CO.
Dornsife, Pa.
Nice 3 bedroom house, dishwasher, electric range, more than 14,000 sq ft chicken house, 1st floor concrete, ideal for pigs or steers, elevator, heating system in part, frame bank barn, work shop with daylight basement, 2 car garage on 2 acres East of Dornsife Rt 225 Excellent buy at $85,000

ALLENTOWN
Available with or without crops, owner financing 150 free stall housing holds 200 head milk parlor, bulk tank, silos, high moisture corn silo, dairy store, slaughter house, coolers, freezers Two houses on 130 tillable acres For information call

CENTRE CO.
Rebersburg
Farmalnd 45 acres along Rt. 192 Nice farm ground. Also 22 acres woodland at Spring Mills for $15,900

MANHEIM
7 acre farmette, 2½ story 4 bedroom house, barn & two car garage

MELVIN S. BINKLEY
Insurance & Real Estate
Rt. 272
Rheamstown, PA 17517

JUNIATA CO. DAIRY FARM
All you need to start milking on this 247 acres is a bulk tank and gutter cleaner. 40 modern tie stalls presently adapted for beef or heifers. 14x50 and 12x35 Fickes silos. 108 Tillable, Class II & III in high state of fertility, 9 acres Pasture with spring, and balance woodland, some timber, with pond. 4 bedroom house. Seller financing on 2/3 price of $217,000.
MARLIN H. FIELDS REAL ESTATE
7 So. Main St., Mifflintown, PA 17059
Don Bashore, Realtor
Office (717) 436-8839
Residence (717) 436-9213

GETTYSBURG AREA FARMS
FARMETTE - 11.7 acres with completely renovated farm house and good barn. Land has been recently farmed. $81,900 (#13241LF)
ON 14 WOODED ACRES - 4 bedroom home with several outbuildings, barn and stream. $79,500 (#13277LF)
MARSHALL L. MILLER, INC. REAL ESTATE
717-334-6283 or Outside of Adams Co. Call 1-800-443-2781, Ext. C-53

Sale By Owner
130 acre farm, Schuyler County, New York. 110 acres tillable in good condition. 15 acres of woods with some timber. Field is nice to work. Barn 32x60 - shed 20x36. 2 story house is in good condition. 4 bedrooms up, 5 down, one both coal or wood furnace. $75,000 with terms, with good down payment. Mortgage at 9%.
Phone: 607-776-3907
Call after 6 PM
Delbert Hawley
10 South Fowler St.
Bath, NY 14810

FRED E. MORROW REAL ESTATE
New Bloomfield, Pa. 17068
Perry County Farms:
230-acre general farm - 174 acres tillable, 20 pasture, 36 timber. 2½-story brick, 4 bedroom dwelling. 50'x100 bank barn, silo, grain storage and other outbuildings. Good stream and spring. Asking $325,000.00
130-acre general farm. 100 acres tillable and good stream. Large 6-bedroom, stone home and 50'x100' bank barn. Asking $155,000.00
Fred E. Morrow, Broker
Phone: Office 717-582-8616
Home 717-567-6665

EXCLUSIVE PA FARMS FOR SALE
See our detailed ad in the June 16 and July 7 issues.
Please call or write our office for detailed farm list.
PAUL M. LONGACRE REAL ESTATE
Box 186 Rt. 100
Hereford, PA 18056
215-679-5919
Also licensed in DE, MD & NJ

SOUTHERN NORTHUMBERLAND CO. & SURROUNDING COUNTIES
110 acre farm prime land, large home, 90 tillable, large bank barn, $179,000. Call Peter.
60 acre farm, lg. home, wood or oil heat, bank barn, small orchard, $69,000. Can be bought with equipment extra. Call Peter.
Herndon Area 2 Farmettes $35,000 & $49,000. Call Peter.
Lykens Valley 90 acres, 85 tillable, 3 bedroom home, large bank barn, $225,000. Owner financing. Call Ralph.
400 acre grain and vegetable farm, large quantity of water for irrigation, new barns, extra nice home, 220 tillable, large quantity of low rent ground available, $500,000. Call Peter.
Plain acreage, 25 acres, 12 tillable, 12 woods, large trout stream $37,000.
PETER B.
CORTELYOU
Real Estate Herndon, PA 17830
Peter B. Cortelyou, Broker 717-758-9177
Ralph Deibler, Salesman 717-692-2587

CAMP/RETREAT
42 acres, stream, 8x44 mobile, $25,000 (W815)

RETIREMENT/ RETREAT
2 BR Modern home, 2 cr., wooded acres, next to State Land & Lake, $33,500 (W804)

10 ACRES
country setting, stream, $10,000 (W772)

2 DORMITORIES
adjoin Mansfield University, 150 bedrooms, 41,968 s.f. A steal at $69,900. (W741)

EXQUISITE 5 AC
5 BR, 4 cr., 3 levels, apt. over garage $158,500 (W765)

9 AC. CAMP
Secluded, utilities, $15,000 (W689)

57 ACRES
25% dn, 10%, 20 yrs $24,900. (W652)

FARMETTE
4 Ac ¾ BR, 1½ baths, garage/barn $46,500 (W702)

FREE LISTS
ERA-Homestead Realty
23 E. Ave.
Wellsboro, PA 16901
717/724-7161

VIEWS
100 ac, frontage, open & wooded, $375/Ac, low taxes $38,250 (D351)

A-FRAME
& 156 Ac Near Oswayo in Potter co Pond, ¾ wooded $65,900 (D362)

CAMP
Loucks Mills Area, 2 ac. pond, furnished Borders paper company $24,500 (D360)

TRAILER PARK
9 slots, 9 ac, 4 BR home. 40x40 garage Westfield area $69,000 (D329)

BUILDING LOT
2 ac., electric available. Private road $4,000 (D297)

FREE LISTS
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168 W. Main St.
Westfield, PA 16950
814/367-2222

CUMBERLAND COUNTY
150 acre dairy, limestone soil, approx. 100 tillable, 40 tie stalls, 14x60 and 10x40 silos. Second barn with 10x50 silo. 2 streams, nice large stone house, 9 room, 1½ bath, large center hallway, 3 fireplaces. Beautiful view. Call
717-776-7650

FOR SALE
Hog Operation and Farm, 69.5 acres. Two Modern Hog Buildings, 28x148 and 32x148, nice setting, Southern York County.
$250,000
Phone: 215-353-0553

FARM AVAILABLE NOW PRICED TO SELL!
120 acres, 20 mile from Carlisle, nice level fields, several ponds and stream for irrigating, large bank barn and house with all improvements, large mobile home on property, owner will offer financing. Call 717-249-1165 after 5 PM

For Sale
400 Acres Dairy Farm
On Lake Ontario
2 sets of excellent buildings, 1,000 feet of shore frontage.
$200,000 25% Down
Will Finance Balance at 10%
John G. Weiler • Three Mile Bay
New York 13693 • **315-649-2455**

SUSQUEHANNA COUNTY DAIRY FARM
332 acres, 168 tillable, 100 pasture, 64 woods. 2 story barn with 82 stalls, 3-14x40 silos, 800 gal. tank, cleaner & pipeline. 1 story barn with 56 stalls, 2-14x40 silos, 800 gal. tank & pipeline. 2 houses, one 2 BR & one 6 BR. Hay barn & 3 car garage. Possible assumption of FmHA & Land Bank mortgages. $280,000.
Century 21 Acres R.E.
25 Public Ave., Montrose, Pa. 18801
(717) 278-2136

ROBERT T. COATES, REALTOR
Routes 30 & 897, GAP, PA 17527
(717) 291-1542 (717) 442-4134

CHESTER COUNTY FARMS
WEST FALLOWFIELD TWP. — 88 acre, 2 family house, large barn for hogs and steers, work shop, storage sheds, silos. **$450,000**
WEST CALN TWP. - 95 acre, old log and stone house, good spring, lots of woods. **$199,000**
WEST CALN TWP. - 258 acres, old stone house, horse barn, stream. Priced at **$2800** Per Acre.
SADSBURY TWP. - 4 bedroom stone home on 3 acre, horse barn, inground pool. Just reduced to **$89,900**

CENTRE COUNTY
WALKER TWP. - one of the valley's finest dairies setup for 41 cows. 120 acres. good house **$325,000**

JACK DELP - Realtor Associate
148 East Broad Street
New Holland, PA 17557
(717) 354-9534

NORTHCENTRAL, PA. FARMS & INVESTMENTS
TIOGA COUNTY PULLET FARM
Opportunity for those wanting to relocate out of the flu area. 26,000 bird coop in excellent condition. Attractive long term lease available. 66+ acres plus several other out buildings & barns. Beautiful 2 story, 4 bdrm home. Just $169,900 M-643. Seller motivated to move closer to home. Wants to sell now!

180 ACRE DAIRY FARM
Approx. 180 tillable, 66 tiestall barn in 3 rows. Pipeline w/800 gallon bulk tank. 20x60 w/unloader. Mow conveyor. Heifer barn & machinery shed. Remodeled 4 bdrm home. Approx. $130,000 of existing FLB & (FHA 5% int.) farm loans. Negotiable possession. Priced right at $165,000 M-603

THE Real Estate R

Offices: Area Code - 717
Tioga, Potter & Bradford Counties call or write
MANSFIELD, RD 1, Box 41 662-2138
TOWANDA, Bridge St 265-3171
OUR #1 AIM IS SERVICE

280 ACRES
old farmhouse, stream, ponds, woods, tillable, $115,000 (M1354)

BODY SHOP
good business and facilities, new 3 BR rancher $89,000 (M1449)

5 AC CAMP
utilities, pond, stream $11,500 (M1492)

29 ACRES
woods/open, $4,500 dn, 12%, 10 yr $143 mo $14,000 (M1563)

LOG HOME
21 acres, private setting, nr State Land, 4 BR, 1¾ bath, exquisite $89,500 (M1553)

50 AC
open/woods $30,000 (M1555)

FREE LISTS
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Mansfield, PA 16933
717/662-3287

REAL ESTATE

REAL ESTATE

REAL ESTATE

REAL ESTATE

REAL ESTATE

Southern PA
Freezer locker plant and meat market.
215-562-2787
or
215-944-9049
evenings

BROILER FARM
53 acres w/pasture and barn, remodeled home. (2) 2 story broiler houses.
Manheim R.D. #3
717-665-6656

411 ACRE DAIRY
Operating Dairy In Steuben County, NY
Excellent opportunity for qualified buyers to purchase at 8½% financing Large farm includes two residences, two barns, equipment, crops and cattle Call for more information & appointment 69S
CENTURY 21
The Lane Agency
(607) 776-7682

PENNA FARMS
CUMBERLAND CO.

Dairy Show Place - 156 acres Hagerstown limestone soil, 44 tie stall barn w/pipeline milker, Patz stable cleaners, 1000 gal bulk tank, 16x50 sealed silo w/bottom unloader, 44 free stall barn w/64' feeder, 20x60 silo implement storage beautiful stone and frame dwelling, 20x40 inground pool, a dairy family's dream farm plus 12x60 mobile home for hired help

176 Acre Dairy. 100 crop acres, 40 tie stalls, manure pit, 2 silos, implement storage, modern 4 bdr brick dwelling

156 Acres Modern Dairy, new dairy unit with double 6 parlor, 6 milking units, 1500 gal. tank, 108 free stalls, lagoon (year storage) 3 silos, 2 floor bank barn with 48 tie stalls, 4 bedroom dwelling, beautiful view of valley 14x70 mobile home on lot with well and septic additional

158 Acre General, Murrill soil, 110 crop acres, large stone bank barn, 2-story mountain, stone and frame dwelling, stream Owner Financing

38 Acre Farmette, 20 crop acres, 36 tie stalls, 40x80 pole shed, 40x72 heifer building w/lagoon, insulated workshop, 4 bedroom, frame dwelling, pond & road frontage

FRANKLIN CO.

100 Acres M/L, 70 crop land 30 wooded with stream No buildings, 3000 ft road frontage $1,600 per acre

Charles Wenger, GRI 263-0945
George Ebener 249-4979
Wilbert Diehl 258-3231
GEORGE L. EBENER & ASSOCIATES REALTORS
139 W. High St., Carlisle, Pa.
Ph. (717) 243-6195

SALE OF FARM BY UNITED STATES GOVERNMENT

Farmers Home Administration, 5 East Avenue, Wellsboro, PA. 16901 has for sale the following property: 118 acre farm located approximately 5 miles east of Lawrenceville, PA. Includes a dwelling, dairy barn with milk house, garage and drilled well. Land use breakdown is as follows: 71 cropland, 40 permanent pasture, 3 woodland with balance in farmstead and roads. Formerly owned by Charles R. Monger Jr. located in Townships of Jackson and Lawrence, County of Tioga, PA.

Terms: Cash or financing possible on terms of not less than 5% down with the remaining balance amortized over a period not to exceed 25 years at an interest of 10¾%. Property may be inspected by calling Farmers Home Administration at (717) 724-4812. Sealed bids, with a deposit of not less than 5% of the bid in the form of cash (sent at bidder's risk), cashier's check, certified check, postal money order, or purchaser's check made payable to Farmers Home Administration may be sent or brought to the Wellsboro office. Bids will be accepted until 1:00 p.m. July 12, 1984 at the Farmers Home Administration, 5 East Avenue, Wellsboro, PA and will be opened publicly at 1:30 p.m. the same date and place.

The government reserves the right to reject any or all bids. The deposit of each unsuccessful bidder will be returned promptly by certified mail with a letter of explanation. The property will be sold without regard to race, color, religion, sex, age, national origin or marital status.

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Farmers Home Administration, 5 East Avenue, Wellsboro, PA. 16901 has for sale the following property: 118 acre farm located approximately 5 miles east of Lawrenceville, PA. Includes a dwelling, dairy barn with milk house, garage and drilled well. Land use breakdown is as follows: 71 cropland, 40 permanent pasture, 3 woodland with balance in farmstead and roads. Formerly owned by Charles R. Monger Jr. located in Townships of Jackson and Lawrence, County of Tioga, PA.

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ROBERT T. COATES, REALTOR
Routes 30 & 897, GAP, PA 17527
(717) 291-1542 (717) 442-4134
CHESTER COUNTY FARMS

120 acres - 75 acres under cultivation, old stone house, horse barn, stream. Could make (2) Amish farms. $2,800 per acre.

60 acres, no buildings, 45 acres under cultivation, great corn ground. $3,000 per acre.

Some owner financing available on both farms.

JACK DELP-Realtor Associate
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New Holland, PA 17557
(717) 354-9534

#542 Cobleskill, New York 200+ acres ¾ open, excellent soil, 14 year old home. Older barns. Outbuildings private setting. Only $78,000

#539 Amsterdam, New York Small but a quality operation, 60 acres (more available) nice 6 room home, good 50 cow barn with pipeline. Bunker silo, outbuilding, all for $49,000

#501 Cobleskill, New York 358 acres in a perfect setting. Several barns, 2 fair homes, Must see - reduced to $129,000.

#486 Beat this very nice remodeled home with stone fireplace. Several barns and sheds for livestock on 15 acres all for $34,900

#469 Middleburg, New York 138 acres, 35 open, balance wooded Remodeled 6 room home, large equipment shed. Nice area, asking $55,000

#156 For the Land Baron's Dream - 150 acres mostly open, long road frontage. Southern exposure, excellent view, asking $50,000 and offers liberal terms.

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Cobleskill, New York
518-234-4371

165 Main Street
Cooperstown, New York
607-547-2503

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EAST/CENTRAL NEW YORK

"SCRUB BRUSH SPECIAL"... 234 acre Mohawk Valley farm needs some work, but offers a good chance to save some money Farm has 168 acres tillable silt loam and a 24' deep pond Barn has 41 stalls on 2" Universal pipeline, 14 heifer stalls built in 1982, new barn cleaner Old colonial home with 4 bedrooms INCLUDES 30 milkers, 16 YS, new IH w/loader plus JD tractor, all machinery for $139,500 with possible terms CALL WIMPLE'S SLOANSVILLE OFFICE 518-875-6355 for info and free Dairy Catalogue

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"TURNED DOWN $6000 FOR ONE COW"... prize registered herd on this money making farm of 274 acres with some good river bottom soils. Land is mostly open & tiled where needed. Very good barn has 57 stalls on pipeline, automatic feeding to all animals, large heifer area, paved yards, 3 silos, unloaders, 1000 gallon tank w/heat exchanger Attractive Colonial home, 5 bedrooms INCLUDES 64 milkers, (almost 17,000 lb DHA without pushing), 45 YS, long line of equipment including 4 tractors for $302,500 CALL WIMPLE'S SLOANSVILLE OFFICE 518-875-6355

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ATTENTION LARGE CROP FARMERS: this farm could be bought for a fraction of its value It has 597 acres with 520 acres in one level field It grows 142-165 bu/acre HM corn plus great alfalfa Barn has free stall facilities for 165, dbl 5 parlor, (3) 20x60 Harvestores plus 4 lrg CS silos, hydraulic Ram manure system Two fine homes, one a nice brick colonial Originally asking $880,000, but offer around $300,000 and see what happens Must sell situation CALL WIMPLE'S GOUVERNEUR OFFICE 315-287-4163

FREE DAIRY OR SMALL FARM CATALOGUES FROM WIMPLE'S SLOANSVILLE OFFICE.

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Mount Joy, PA
CALL 653-1481

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Farm Salesman - Eugene Kreider

Home or camp on 10.5 acres, nice partially remodeled house, 3 bdrm, country kitchen, DR, Fmly rm, bath, tremendous views, heated workshop, exc. hunting area, close to State Land, located in Morris Township. W-768 $29,500

5 yr. old home or camp, completely furnished, right down to the dishes, modern kitchen, large living room, 2 bedrooms (could possibly be made into 3) nice bath, well insulated, all on 2 acres, close to State Land & Beechwood Lake. W-776 $26,000

WHERE THE DEER PLAY ALL DAY
Secluded yet only 3 miles to Wellsboro this 2 story, 4 bdrm home on 4 acres of wooded land. Large country kitchen, living room, dining room, full bsmt, access to State Forest Lands for exc. hunting & recreation. W-806 $54,900

RUSTIC LOG HOME
3 bdrm Log Cabin on 16 acre wooded lot, terrific view from mountain setting, well equipped kitchen with large eat in area, stone fireplace in living room, deck, 1 car garage. W-771 $69,900

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120 East Ave., Wellsboro, PA 16901
717-724-5921
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R3-3-359 UNION COUNTY: Secluded 84 acres surrounds this quality built 2 story home near Mifflinburg Multi fuel heating system Well designed kitchen, den with stone fireplace, 4 BRs, 2½ baths, and 3 car garage Valued at $165,000

R3-3-361 Raise your beef or chickens on this 28 acre farmette in Union County Barn, corn crib, & other buildings Never fail spring fed stream $91,500

RL1-4-10 SNYDER COUNTY: Beef operation/general farm 132 acres 83 tillable, 4 pasture, 42 woodland Large bank barn with concrete (yard) 4-5 bedrooms, 2 story farmhouse $175,000

R1-4-74 SNYDER COUNTY: 57 acres surrounds this 2 story farmhouse Large bank barn Great for beef operation Home has 4 bedrooms, family sized kitchen, & vinyl siding Situated near 11 & 15, south of Selinsgrove Buyer's Protection Plan $82,500

F2-4-500 R D #1, Herndon farmette Total 17 acres with approx 6 acres tillable and remaining woodland Boarder creek to south 2½ story house, 2 brs with alum siding & in good condition Smaller bank barn which would be ideal for horses or few head of cattle Priced @ $49,500

F2-3-501 R D #3, Sunbury- Beef or general farm 63 acres - approx 50/55 acres tillable with remaining in fenced pasture Bank barn and other buildings in excellent condition Price $100,000

F2-3-500 R D #1, Paxinos- Beef or general farm Total 116 acres with min 100 acres tillable Soils in top condition and good producers. All buildings have been completely renovated or have been erected since 1979 2 story/2 family brick farm house also completely remodeled, excellent quality and tastefully decorated Attractive setting with good access Call for additional information

L1-525 R D #2 Northumberland- 139 acres with approx half tillable 400 ft frontage on hard surface road Possibility of return on investment with sale of attractive building sites Owner will consider assisting in financing Priced under $850 per acre

L2-3-504 118 acres- 70 acres tillable and 48 acres woodland Excellent access - within 5 miles to Interstate 80 on Route #44 at Buckhorn exit Property divided by township road and owner would consider separate sales Priced at below present area sales per acre

SNYDER COUNTY: Center Township 28 acres - 20 acres tillable - 8 acres woodland $1,000 per acre Call Nancy 717-374-2165

ERA
BOWEN AGENCY, INC.
22 N. Market St.
Selinsgrove, PA 17870
(717) 374-2165

Art Bowen 374-2165
Dale Heim 286-8594
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REAL ESTATE BROKER
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Nice 4-BR Home - Retirement Hobby Farm. Beef or Heifer Barns. 101 acres. woods, Pond $140,000.

A Good Small Dairy, 120 acres. 27 Cow Barn. Early American Home - Well Kept. $110,000.

SUSQUEHANNA COUNTY

DON'T MISS IT! 75 acre beef and/or sheep farm, 2 large barns, garage, 4-bedroom home, recently remodeled, reduced from $100,000 to $85,000 for quick sale.

SEE IT! Excellent working dairy farm. Barn has 106 tie stalls 30x60 silo w/unloader, 2 barn cleaners, heifer barn in workshop, 1,000 gal. bulk tank & all equipment on 70 tillable acres. Farmhouse recently remodeled plus separate mobile home hookup. Available immediately w/crops. Asking $137,500.

Dairy-Beef Farm with 151 acres and good set of buildings. Large farmhouse, dairy barn, garage, good silo. To settle estate - $99,800

For appointment contact
WAYNE R. ADAMS REAL ESTATE
R.D. 1, Box 116
New Milford, PA 18834
717-465-3620

JUNIATA COUNTY
(New Listing)
126 acres, 60 acres tillable, balance wooded & pasture, frame bank barn, corn barn, 3 bedrm dwelling, ¾ mile Tuscarora Creek frontage secluded, $130,000

LANCASTER COUNTY
85 acre dairy. Southern end.

CHESTER COUNTY
New Listing Near Oxford
100 acre general farm, 2 story frame dwelling Barn- stanchions and box stalls 60 acres tillable, 38 acre pasture, 2 acres woodland Land- gentle slope, loam soil, state road frontage

128 acre general farm, W of Downingtown

LEBANON COUNTY
Myerstown
18 Acre Limestoen Farm, 4-bedroom dwelling, bank barn, corn barn, hog farrowing operation Tultenhocken Creek boarders property, good location.

153 acre N of Annville

107 acre Dairy & Hog

100 acre general near Freidensburg

PERRY COUNTY
New Listing
Near Blaine- 134 acre dairy, 50x70 frame bank barn, 30 freestalls, 5 yr old Acorn barn cleaner, bulk milk tank, dump station, 14x40 tile silo w/5 yr old Van Dale unloader, machinery shed & corn barn, good producing level land, beautiful 5 bedrm dwelling $198,500

MONTOUR COUNTY
North of Danville
157 acre dairy - 135 acres tillable Bank barn with 34 comfort stalls chain ties Calf barn - 4 silos - pole shed 22½ story frame dwelling with 5 bedrooms & bath

SCHUYLKILL COUNTY
New Listing
North of Summit Station
69 acre dairy comfort stalls, 2½ story dwelling, 4 bedroom

CUMBERLAND COUNTY
32 acre dairy reduced, near Newville

188 acre general farm

MONTOUR COUNTY
157 acre dairy north of Danville

CHRISTIAN M. MOSEMANN
REALTOR
627-1754
734 Main St. Akron, Pa. 17501
Phone 717-859-1004 24 hr. service
Paul Z. Musser — 717-733-8107
James L. Marsh — 717-529-2678
Milton G. Huber — 717-299-5136

CUMBERLAND COUNTY
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147 Acre Farm, High producing soil, 2 Mi. S. of Carlisle, Pa. 2 Houses, Barn, Hog Pen, Wagon Shed. Main House Beautifully Restored Stone Colonial. Second House Ranch Style, Could be used as tenant house or as Rental unit.

55 Acre Farm - 2 Story House, Alum. Siding, Barn, Wagon Shed. Nice laying Slate Land farm all tillable. 3000 feet frontage on Hard Road, Located in Upper Frankford Twp. $89,500.

39 Acre Farm - 2 Story House, Alum. Siding, Barn, 3 car garage and numerous other buildings. Good Berks soil, Approximately 12 A. Pasture with pond, balance all tillable. Lot of Road frontage on McClures Gap Road, Upper Frankford Twp.

45 Acre Farm - Nicely restored 2 story farm House with inground pool back yard, Wash House, 3 car Garage with openers, Barn and Silo. Limestone Soil, well located for building lots. Middlesex Twp.

35 Acre Farm - Large 2 Story Farm House, 3 Car Garage and work shop, Barn. Limestone Soil, Frontage on Pa. Railroad (Conrail). Possible Industrial or Residential zoning. Silver Spring Twp.

Jack Gaughen REALTOR
1068 Harrisburg Pike
Carlisle, PA 17013
717-243-8080
717-697-2240

Ask for one of the following agents:
Harvey Sunday — Barbara Cecil
Dick Coon — Bill Burkholder
Doris Law — Marti Cummings

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A Lancaster Co. Farm for horses, hogs, vegetables, sod or other uses. Rolling land w/frontage on Rt. 23, beautiful creek for irrigation. Must take a look at this farm, 48 acres. Priced at only $139,500.

SOLANCO

60 Acres, 16 stall horse barn w/tack room. 2 story 4 bedroom, 2 bath home w/2 car garage, mobile home adds additional monthly income. 30+ tillable, woods & fenced in area. Call today, $165,000.

ATTENTION INVESTORS
YORK COUNTY
Southern York Co.

Southern York Co. farm, excellent soil, some pasture & woodland, ideal setting, road frontage, loose housing for 100 head, bunk feeder, buildings in good condition, brick farmhouse, 75 acres, priced to sell at only $199,900.

Under $2000 per ac. Limestone, ex. cropland level to easy slope, 130 tillable ac. + some woodland, no buildings.

Also, nearby 135 ac. grain farm, large stone home w/character Owner ready to negotiate to your advantage. If you prefer will lease back land for 5 years at 100 per tillable acre. Be sure to call on these.

BEAUTIFUL HILL COUNTRY

South of Selinsgrove, 15 acres, frontage, stream, woods, 2 story house w/2 car garage, quiet location. Priced in the mid 30's.

BERKS CO.

8 acres woods, small meadow, stream, horse barn, large 2 car garage, neat small rancher w/beautiful living room fireplace. Quiet setting. High 60's.

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108 acres secluded w/view, nature lovers delight. Walk among streams, pine, hemlock and walnut trees. Harvest wood for your winter use, 60 acres of tillable contoured fields, good soil. Low 90's. Possible owner financing. Just minutes from Danville and Interstate 80 Sunbury.

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REALTORS
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Lancaster
Phone: 717-569-8701
or Ephrata 717-733-3344
REALTOR

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119 acre, 70 tillable, 40x90 pole barn, silo with unloader, insulated 5 bedroom home, excellent water supply, owner will finance.

By appointment only
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315-754-6554

Huntingdon County
160 acre farm, frontage, woods, fields, stream, spring, home, barn, out buildings Beautiful view. Owner financing.
Koon's Real Estate, Inc.
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Jefferson County
Good investment property. 169 acre farm on main highway. Approx. 85 acres tillable. Producing gas well with free gas available, plus all coal rights. 1 large brick house, 1 farm house, large barn and machinery shed. Abundant with spring and well water. For further information write to:
Farm Info.
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Reynoldsville, PA 15851

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Beautiful ranch home near a stream with ¾ acre, living room, 2 car garage, large roofed patio, & full basement To be offered for AUCTION, SATURDAY, JUNE 30, 1984 at 12 00 noon OPEN HOUSE JUNE 23, 2-4 by Neil Wigenroth Personal property to be sold starting 9 30 A M See AUCTION SEC

BRADFORD COUNTY
500 acre dairy, 100 cow capacity, free stall barn, large silos with unloaders, machine shed, 200 acres woodland with some timber, 220 acres tillable, 80 acres pasture A beautiful farm ready for new owner Double six Herringbone Universal milking parlor $620 per acre Call David and Laura Cooley at 717 744-2587

Operating 345 acre dairy farm with an access of 180 acres tillable plus approx 80 acres or more pasture Balance, woods and timber Beautifully modernized 200 year old home plus a second home 54 tie stalls, milk house, bulk tank, silo with unloader Room for young stock Can be bought with stock and equipment for a turn key operation Call David and Laura Cooley 717-744-2587

CUMBERLAND COUNTY
Going dairy farm with quick possession if needed Modern setup and limestone soil in Mennonite area

HUNTINGTON COUNTY
130+ acre dairy, excellent farm with private financing Call 717-569-4264
85 ac woodland near Orbisonia Subdivision possible
191 ac General farm in the Three Springs area Excellent for subdivision with good amount of road frontage

LANCASTER COUNTY
37 acre poultry and general farm with double brick and frame dwelling Other out buildings Lots of road frontage, excellent soil Fall possession Call 717-569-4264

Modern dairy with Lg stone farm house in National Register, sm brick home, tobacco shed, corn cribs, silos & unloaders, Limestone soil in a high state of cultivation Available fall 1984 NOT AVAILABLE through any other broker

Feeder pig setup with liquid pits, feed bins, modern crates and nursery pens Tobacco shed and silo on 50 acres limestone farmland Large 4 bedroom modernized farmhouse ready for your inspection

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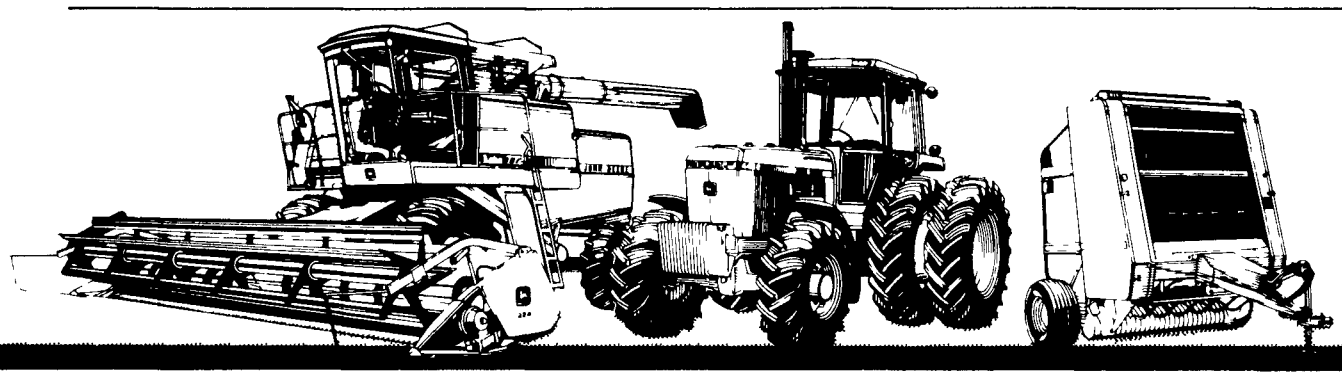

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	During June	During July
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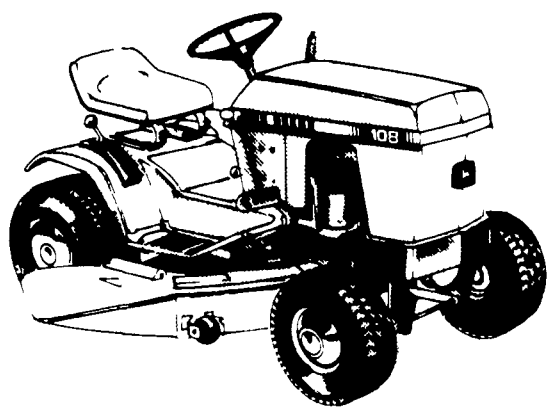
45-hp 2150	500	425
50-hp 2255***	475	400
55-hp 2350	600	500
65-hp 2550	675	575
75-hp 2750	775	650
85-hp 2950	925	800
100-hp 4050	1375	1150
120-hp 4250	1500	1275
140-hp 4450	1600	1350
165-hp 4650	1925	1650
190-hp 4850	2175	1825
185-hp 8450 4WD	2500	2100
235-hp 8650 4WD	3050	2575
300-hp 8850 4WD	3800	3225

*Availability of John Deere financing subject to approval of credit These offers may be withdrawn at any time
**A similar financing rebate offer applies to any 40 Series Tractors remaining in inventory Ask for details
***This model is not available for sale in Nebraska

JOHN DEERE

8-hp Lawn Tractor



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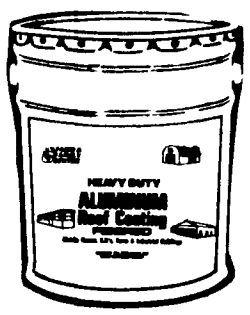

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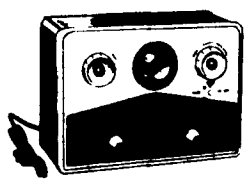

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17978-113
Weed Chopper
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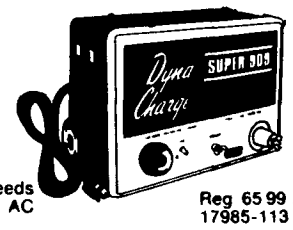

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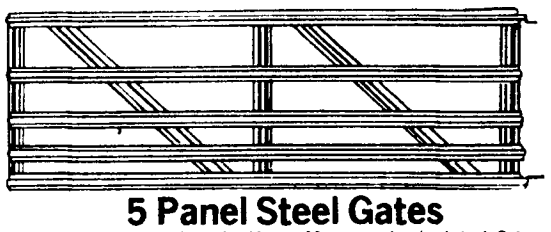

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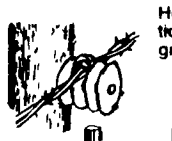
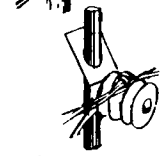
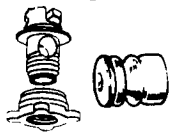
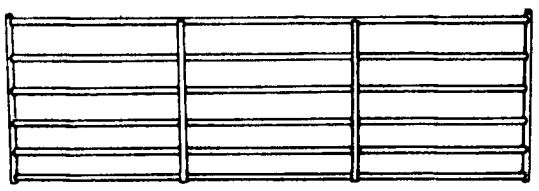


Insulators

Nail Type 25/pkg 17879 130 Reg 1.75		1.39
Springboard 25/pkg 17880 130 Reg 4.19		3.39
Western 25/pkg 17899 130 Reg 3.39		2.59
Porcelain 25/pkg 17901 130 Reg 2.19		1.69



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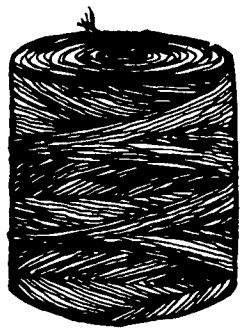

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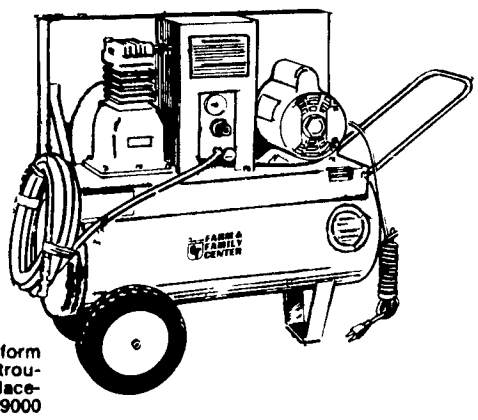

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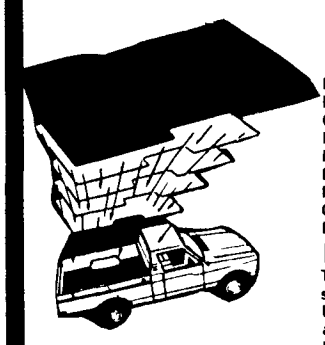

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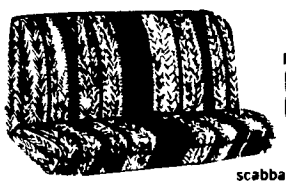

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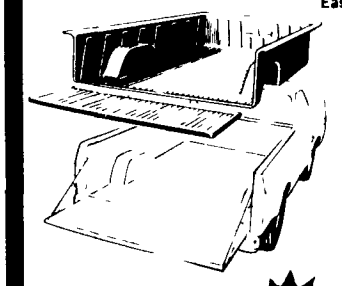

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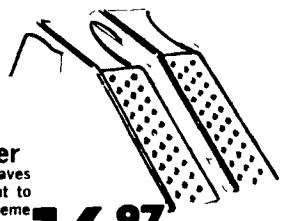

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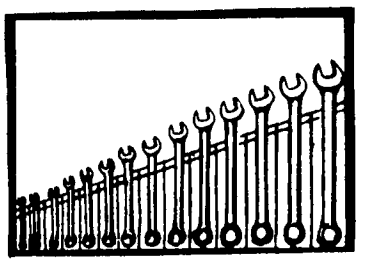

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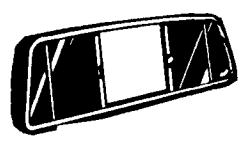

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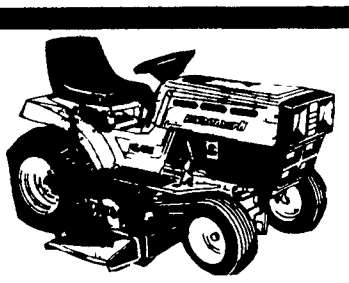

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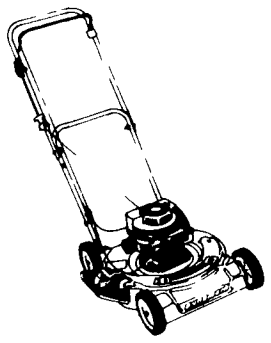

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Mastitis - Sort out the priorities

Dr. George F.W. Haenlein
Extension Dairy Specialist
University of Delaware

Why talk about mastitis? It's nothing new. It's been around as long as we've been milking cows – even when they were milked by hand. Machine milking has been blamed by some people for mastitis cases, sometimes with justification. But the problem predates the milking machine and occurs regardless of the brand of equipment or procedure used.

Mastitis occurs in other species -- sheep, goats, sows, mares and even humans. Over the years, it's been treated in many ways. Yet despite all efforts, the problem is still with us, in every U.S. dairy herd as well as in those of other countries.

Antibiotics are our most potent weapon against mastitis. We've been using them for almost 40 years now, and still we have mastitis – chronic or acute or both, without let-up.

Are we wasting our time on present treatments? Are we pursuing the wrong priorities when we wait until the clinical stage to appear during lactation and then treat? Certainly, recent FDA regulations have added a new perspective to our efforts to cure mastitis. These regulations say:

IF YOU TREAT,
DON'T SHIP!
IF YOU SHIP
DON'T TREAT!

In other words, we must guard against treatment residues in milk and meat. These residues are not allowed to enter the market. The milk of treated cows must be discarded for 3 days at least, and carcasses of treated cows can't be sold for meat unless the animals were slaughtered at least 30 days after the last treatment. So, if a cow may be a cull candidate anyhow and is on the stand-by list for shipment, the FDA says, DO NOT TREAT, even if she has mastitis. Instead, ship her right away, while you can still get money for the meat.

By shipping residue-free cows, you're protecting future meat sales. You're also not wasting money on treatments which may have dubious results, and you're culling animals with a possible disposition toward mastitis – the most costly disease in dairying today. In the process, you may even be selecting genetically against mastitis.

In other words, instead of investing in a battery of stand-by treatments for mastitis after it develops clinically in lactating cows, maybe it's time to tackle this disease from some other angles.

By now, dairy producers know plenty about mastitis from all the research and publications reaching our farms every day. We know the names of the most prevalent microorganisms which cause mastitis. And we know that when we culture milk samples, we're going to find many pathogens, like E. coli, which penicillin won't kill.

Yet, without culturing milk samples, we can't be at all sure we're using the right antibiotic. We're only guessing – shooting in the dark.

Mastitis treatment failures usually are due to one or more of the following causes:

* Using the wrong antibiotic.
* Waiting too long before treatment.
* Using too low a dosage.
* Stopping treatment too soon.
* The presence of microorganisms resistant to treatment.
* Failure of treatment to reach the walled-off site of infection.
* Chronic cases with poor recovery chances.
* Dirty cows which quickly become reinfected.
* Wet udders during milking which easily transmit infection.
* Careless or inexperienced milking procedures.

We also know from research that three-fourths of all mastitis cases,

(Turn to Page C3)

Hoe, hoe, hoe, Dave!

Renowned for its dairy and livestock production, Lancaster County is also the hub of modern scarecrow technology as evidenced by these two state-of-the-art examples to be found along Route 896 south of Strasburg.

Patrolling one truck patch, the scariest of scarecrows brandishes her long gun to keep birds at bay. A close look at her right shoulder, however, reveals that not all avian freeloaders are easily impressed.

Meanwhile, just a short jog up the road, a more traditionally frocked "woman behind the man" makes sure that Dave keeps the weeds at bay in the onion patch.

Clearly no laughing matter.

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3:00 p.m.
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Overall width — 39
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Working depth — 102 (from ground level may vary from tractor to tractor)
Propeller dia — 22
Drive
Weasler L55 telescoping U joint assembly with 2 shear bolts
Tractor Requirements
3 point hitch — Category II or III Narrow (Category III Narrow requires reducing spacers in ball joints of lower lift arms)
Hydraulics - single remote outlet ASAE 8 inch stroke cylinder required (not furnished)
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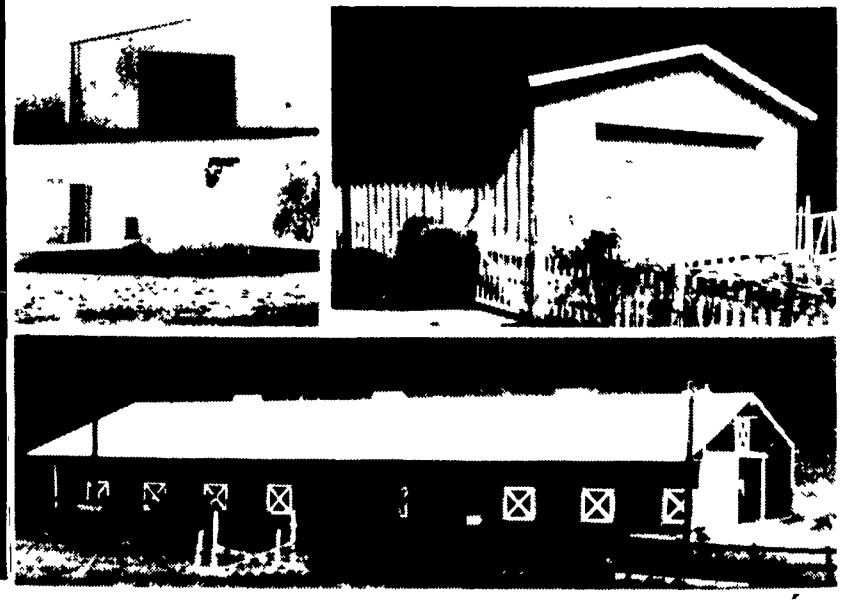


Mastitis

(Continued from Page C2)

start not at the beginning of lactation, but during the dry period. And 80 percent of all clinical mastitis cases are preceded by subclinical cases detectable through elevated somatic cell levels.

So perhaps it's about time we focused our control efforts on the dry period and on subclinical cases.

Of course, we must start with clean cows, get rid of muddy barn yards, milk only dry udders and handle milking machines properly – with the right level of vacuum, without vacuum fluctuations, overmilking, rough take-off, and backflushing to prevent possible disease transfers between quarters and between cows. Even the most sophisticated equipment won't protect cows under these conditions.

But aside from correcting such problems, let's give top priority in the fight against mastitis to attacking the disease during the dry period and at a subclinical level.

Dry cow treatments have at least twice the cure rate as those for lactating cows. Also, no milk is wasted. And during the next lactation you can expect an average increase in production of 1,000 lb. milk per cow per year. When you compare this added income (approximately 1,000 x 12 cents = $120.00) with the cost of dry cow treatment (approximately $10), it's certainly an economical proposition.

Research has shown that for every mastitis case in a dairy herd there are at least 12 subclinical cases. In order to combat these cases of mastitis, you've got to be able to identify trouble-causing cows. Routine milk testing will frequently do this for you.

Two procedures are on hand and every progressive dairyman should use them regularly. CMT testing kits (California Mastitis Test) are inexpensive and easy to use on every cow and quarter directly in your barn or parlor. This test gives immediate results on somatic cell levels. Each cow can also be tested monthly through the DHIA system for little additional cost.

Research has shown that increased somatic cell levels in the milk mean subclinical mastitis is present in the udder and milk is already being lost. These tests allow you to identify problem cows early, before they become clinical cases. So you can promptly treat or cull.

Most state DHIA organizations now offer routine somatic cell testing. If the one you belong to doesn't, it's time to gear up testing equipment to provide this vital test.

Pesticide storage plans

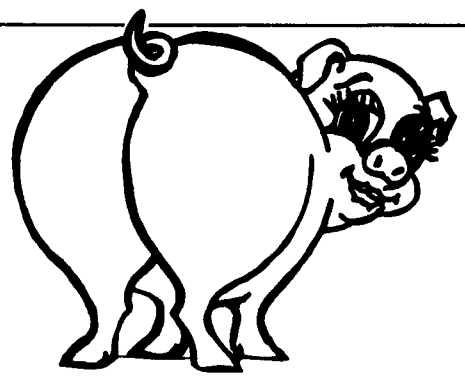
NEWARK, Del. — The safe and secure storage of pesticides should be an important part of every farmer's pest management program, says University of Delaware extension pest management specialist Joanne Whalen. Many growers store pesticides where they're easily accessible to anyone. It is safer to keep them in a separate building designed specifically for storing and handling toxic chemicals.

A USDA plan for such a building is available from extension agricultural engineer Jim Scarborough. According to Scarborough, the 12-foot by 20-foot structure has a 14- by 12-foot area for storing pesticide containers and a separate section equipped with water and a work bench for mixing chemicals. For comfort, the work area is heated with a fire department-approved heating unit.

The building is constructed for masonry block on a concrete slab and has a fire-rated Sheetrock ceiling. Ideally, the structure should be placed at least 50 feet from other buildings to reduce fire hazard. The plan calls for ceiling mounted ion-type smoke detectors and fire extinguishers. Other safety features include a shower and eyewash unit. Two lockable steel walk-in doors provide restricted access to the building.

Blueprints of this plan are available for 50 cents by writing: Extension Agricultural Engineer — Plan Service, 058 Townsend Hall, University of Delaware, Newark, DE 19717-1303. Ask for Plan No. 6346, "Pesticide Storage Building."

WAYNE FEEDS
WAYNE ANIMAL HEALTH AIDS



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4-Wheel Drive - 20 H.P. Light Utility Tractor
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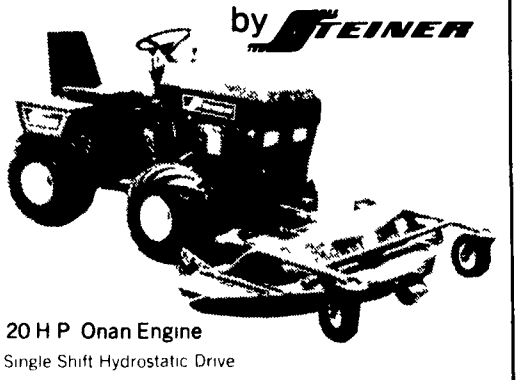

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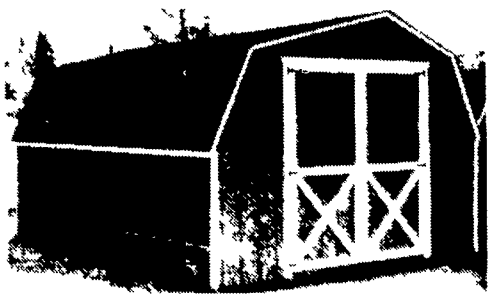

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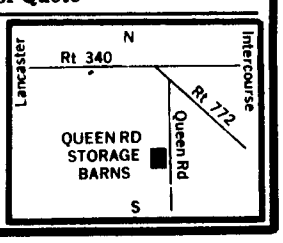
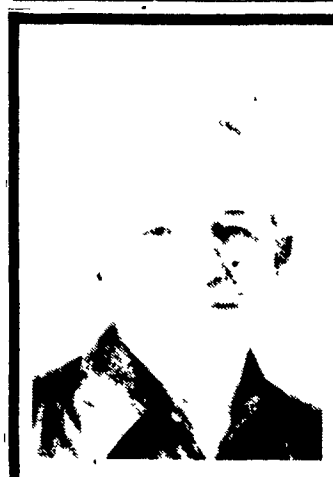




The Dairy Business

By Newton Bair

FEED BILLS TOO HIGH?

Why are my feed bills so much higher than my neighbors? The most obvious cause is that I don't have enough on hand, so I'm forced to buy more. But the real cause, if you look deep enough, is that I have not bothered to plan ahead in my cropping system, purchases of grain and supplements, or adjusting my needs to the available supply. So the only cure for my high feed costs is to take less profit out of the business.

I'd better look beyond the obvious cause of the problem for what I can do to prevent it in the first place. If my constant shortage of feed is forcing me to owe more and more to the feed mill or the bank, I'm fighting a losing battle. There must be another cause of the problem that I can do something to correct. It starts with good planning.

PLAN FARMING SYSTEM

The most successful Dairy Managers I know plan their whole operation with a high degree of predictibility. The easiest way to do that is to do as many things as possible that are under your control. No, you can't control the weather, or prices, or many kinds of accidental freaks. But you can control or at least guide the production or acquisition of feed crops to satisfy the needs of your herd. You can also control total feed needs by adjusting the numbers of cows and heifers to be fed. Base your long range plans on the things that you have the most control over.

Take the high cost of Protein Supplements, for example. This is one place where it pays to grow as much of your own protein as possible, rather than buy it. Six tons of alfalfa per acre will produce a dry matter equivalent of around 2400 pounds of protein. Corn for silage on the same land will produce approximately 1200 pounds, or only half as much. Corn for grain will produce only about 630 pounds, or only about one-fourth as much protein as alfalfa.

Of course, you need the high energy at low cost that corn silage can provide, but once the needs for energy are calculated and supplied by your crop system, plan to grow as much protein as possible, rather than excess corn which might be of questionable value on today's market. Even a fifty bushel crop of soybeans can provide nearly twice the protein per acre that corn will. Production costs should be monitored close enough to make a comparison of the cost of growing your own with the cost of mill supplied protein.

Another way of controlling your own destiny is by timely contract or purchase of production items, including feed. A shortage that is anticipated in the fall can often be corrected by purchasing the crop from a neighbors' field at harvest time prices. Be a good negotiator. Take time to accurately estimate the potential yield and value of a field before striking a bargain with your neighbor. It doesn't need to be a steal to be a good buy, but it should cost you less than you would have to pay later on when supplies are tight and the market high.

TOO MANY REPLACEMENTS?

How many heifers should you be feeding? The average dairy replacement rate is between 20 and 25 percent per year. A good ratio of heifer replacements to milking cows is about one heifer under two years old for every two milking cows.. When nature gets too generous with heifer calves, it is only natural that you want to keep every critter that comes along. But when the heifer barn is jammed with beef and you are buying high priced feed to keep them, they may never pay for it. Make sure that every heifer raised has the potential for raising the level of production in your herd.

The cost of feeding a heifer is high. A Holstein heifer calving will cost between $1000 and $1200 for feed alone. If much of her feed is purchased, the cost will run a lot higher. The number of heifers raised should be carefully weighed against the total feed supply as well as the other obvious things like pen room, labor and of course, the real potential for profitable production.

Land improvement workshop set

SCHUYLKILL HAVEN — A land improvement contractors workshop sponsored by the Schuylkill Conservation District will be held July 12 at the new Schuylkill County Fairgrounds located next to the Penn State Campus, Rt. 61, Schuylkill Haven.

The workshop is being coordinated with the Schuylkill County Fair Association and the Pennsylvania Chapter of the Land Improvement Contractors Association (LICA). LICA equipment operators will be demonstrating excavation equipment donated from some major equipment manufacturers including Caterpillar and John Deere.

Demonstrations will contribute to necessary improvements in preparation for the 1984 Schuylkill County Fair. The demonstration will include excavation work to construct a midway area, water diversions, vegetated waterways, stone-centered waterways, surface drainage drop inlets and subsurface drainage pipes for soil erosion control.

Other related manufacturing companies will be demonstrating equipment and contributing materials. These companies include Atlantic Construction Fabric Inc. demonstrating several types of erosion control and road building fabrics; Advanced Drainage Systems Inc. (ADS) demonstrating subsurface drainage tile and road culvert installation; and Finn Corporation will put the finishing touches on the projects by demonstrating a hydraulic seeding. Hydraulic seeding is a system of placing grass seed, lime, fertilizer and mulch in one operation. Finn Corporation will also demonstrate a mulch spreading machine for spreading straw on hay mulch.

Contractors or township officials interested in attending should contact the Schuylkill Conservation District at 622-4957.

Dairylea, Eastern share services

SYRACUSE, N.Y. — Two major northeastern dairy cooperatives have concluded agreements under which each will produce a service for the other.

The announcement was made jointly today by Clyde E. Rutherford, president of Dairylea Cooperative and Earl Forwood, president of Eastern Milk Producers Cooperative, both headquartered in Syracuse.

Dairylea will merge its member supply program into a similar but larger operation run by Eastern. Dairylea members will be able to order by mail a wide variety of food items, including some Dairylea products. Eastern's Dairy Division trucks will deliver the items on specified dates to announced locations where purchasers will pay for them and pick them up.

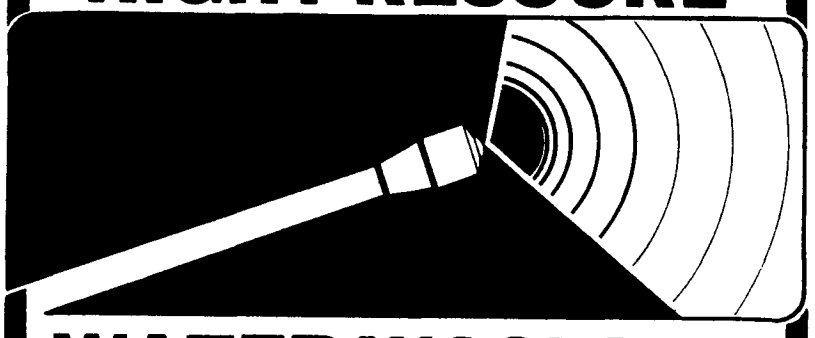
Some non-food items such as calf starter and certain sanitizing chemicals are also available. Eastern's Dairy products division is completing work on a major warehouse and retail store complex in Canton, Pa., which will open late this summer.

Eastern members will be able to subscribe to the top-rated Blue Cross/Blue Shield/Major Medical plan administered by Dairyleas' wholly-owned subsidiary, Agri-Service Agencies Inc. The plan, includes a million dollar Major Medical entitlement, uniform coverage and economical rates throughout the Eastern-Dairylea member area and has been rated as one of the best administered plans in the nation.

In 1983 the Agri-Service Agencies plan paid out $7.8 million in benefits. During its 14 years in operation it has paid out approximately $60 million for the medical expenses of subscribers. A New York state Workmens Compensation Group plan and life insurance will also be available to Eastern members.

"We're delighted with the arrangement," Forwood said. "We can do a great deal more for our members by working together where it is mutually beneficial."

HIGH PRESSURE



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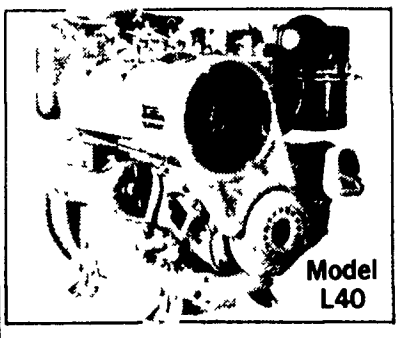

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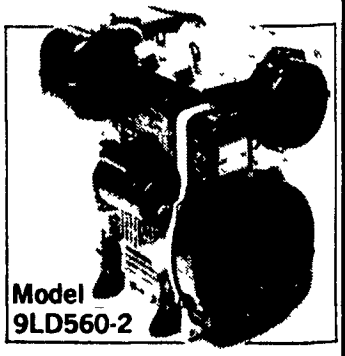

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DEALERS INQUIRIES INVITED

Pa. dairy industry leaders discuss 1985 Farm Bill

SYRACUSE, N.Y. — Pennsylvania dairy industry leaders and representatives had the opportunity last week to air their concerns of the 1985 Farm Bill during a "listening session" conducted by Secretary of Agriculture John Block in Syracuse, N.Y.

Among the speakers was Keith Eckel, a dairyman and vegetable grower from Lackawanna County who serves as president of the Pa. Farmers Association. In his address during the "listening session," conducted by USDA to discuss future food and agriculture policy, Eckel said that PFA supports a "market-oriented" federal farm bill in 1985.

Eckel defined "market-oriented" as allowing supply and demand, rather than the government, to determine farm production and prices. "Future legislation should rely less on government and more on the market to maximize long term opportunities for profit in agriculture and to reduce incentives for overproduction," Eckel told Secretary Block.

He added that since about half of PFA's 23,000 farm family members are dairymen, PFA has particular interest in the dairy provision of the upcoming farm bill. He said PFA believes CCC purchases of surplus dairy products is a "...proven and essential stabilizing mechanism for the dairy industry." But, he added, "never again must we allow the price to be supported at a level that encourages farmers to produce for an artificial market." PFA favors a system where the price support level would be automatically adjusted according to net CCC purchases.

Concerning commodity price support loan levels, Eckel said PFA favors flexible loan rates which adjust with changes in world market conditions. "We must be competitive in the world market," he said. Target prices should be continued, however, to help farmers adjust to a market oriented farm policy.

Other areas of concern to PFA are the threat of future trade embargoes or export restrictions due to foreign policy restrictions, and unchallenged foreign subsidies on imports. "We believe that free and fair trade should be protected in the 1985 farm bill," Eckel said.

PFA also believes the new four-year farm bill should address fair marketing practices between producers and buyers. "Farmers must be able to join together to obtain a fair price for their product in order for a market-oriented agriculture to function properly," Eckel said.

He recommended that marketing and bargaining legislation: define bargaining units, establish accredited associations to bargain exclusively for all members of the unit, require good faith bargaining, establish minimum requirements and rights for accredited bargaining associations, and set up guidelines for settling bargaining impasses.

Eckel concluded, "The 1985 farm bill is a very complicated bill with many variables to be considered. All commodities and their support programs are inter-related and changes in one program should be made only after a careful consideration of the impact it will have on all other commodities and their programs.

"Our association believes that we need an agricultural policy which is market-oriented, and that this program should give farmers the ability to bargain fairly with buyers. Producers, processors, agribusiness, the general economy, and consumers all have something to gain from more market-oriented agriculture."

Speaking on behalf of the Dairy Cooperative Coordinating Committee of the Northeast was Clyde E. Rutherford, president of Dairylea Cooperative Inc. Rutherford said that although the Northeast is one of the leading agriculture regions in the nation, it is frequently neglected when public policy discussions, such as the listening session, are set up. "We are very much appreciate this opportunity to be heard," he said.

Saying that political pressures could lead to unworkable and destructive legislative proposals, Rutherford stressed the need to approach the dairy situation "with our attention focused on what is now happening and what is likely to happen in the months and years ahead." He suggested that time be spent on factors relevant to the current situation.

For example, Rutherford cited the decline in CCC purchases during the first five months of this year. Thirty-six percent less butter, 29 percent less cheese and 24 percent less nonfat dry milk were purchased by the CCC this year, comparable to the same months of last year, he said.

"We in the dairy industry have heard that CCC purchases must be reduced by more than a billion dollars quickly," Rutherford said. "We are, in fact, told that the budget for dairy price stabilization is less than one billion dollars.

"It is our hope that the Congress will read the improving trend I have cited and recognize that the goal will be met. It is our opinion that an ongoing trend is important than any specific figure, high or low.'

In considering the writing of the 1985 Farm Bill, Rutherford said that the cooperatives in the Northeast are looking with favor on a program which would: set up a revised dairy parity which reflects current milk production costs and efficiencies; take a serious look at setting up a system to move the support price up and down quickly and automatically; and to examine the milk diversion program as it proceeds to its conclusion on March 31 of next year.

"When we talk about a few farm bill and its dairy provisions, let's bear in mind that we are not dealing with just a relative handful of dairy farmers," Rutherford said. "We are dealing with a critically important contributor to the health of our nation's economy."

Rutherford added that of the 60,000 dairy farms in the nation with 50 cows or more, about 19,000 are in the Northeast.

The Dairy Cooperative Coordinating Committee of the Northeast consists of the following organizations: Agri-Mark Inc., North Andover, Mass.; Cabot Farmers Cooperative Creamery Inc., Cabot, Vt.; Dairylea Cooperative Inc., Syracuse, N.Y.; Green Mountain Federation; Barre, Vt.; Interstate Milk Producers, Southampton, Pa.

Also Massachusetts Cooperative Milk Producers Federation, Dunenburg, Mass.; Lehigh Valley Farmers, Lansdale, Pa.; NEDCO, Syracuse, N.Y.; Northern Farms Cooperative Inc., Montpelier, Vt.; Niagara Milk Coioperative Inc., Niagara Falls, N.Y.; Pennmarva Dairymen's Federation, Arlington, Va.; Producers Dairy Co-op of Nashua, N.H.; St. Albans Cooperative Creamery, Vt.; and Upstate Milk Cooperative Inc., LeRoy, N.Y.

Also representing Pennsylvania were Edward McNamara, NEDCO; Charles Krueger, associate dean for research at Penn State; Dick Harwood, Rodale Research; and John C. York, Dairy Foods Consultant of Lewisburg.

Cornell to unveil exhibit

SYRACUSE, N.Y. — "New York State Agriculture: Foundation for the Future" is the theme of a major Cornell University exhibit which will be unveiled at the 1984 New York State Fair here, Aug. 25 - Sept. 3.

The exhibit is being developed jointly by the New York State Department of Agriculture and Markets, the New York State Department of Health, the New York State Agriculture Experiment Station at Geneva, the New York State College of Agriculture and Life Sciences at Cornell, and the Division of Nutritional Sciences at Cornell.

Announcement of the exhibit, which will occupy in excess of 10,000 square feet in the Fair's newly designated agriculture and health building, was made at a news conference on Friday morning (June 22) by officials of the New York State Fair.

In a prepared statement, Kenneth F. Wing, Associate Dean of the College of Agriculture and Life Sciences, said that Cornell was pleased to be taking on a new and expanded presence at the State Fair.

"Our multi-media exhibit will give the public an overview of New York agriculture, including both historical perspectives and portrayals of agriculture today in the Empire State," he said.

Wing noted that agriculture is New York's number one industry, and that the joint displays at the 1984 State Fair would explain the interlocking relationships among the agencies involved and how they serve the people of the State.

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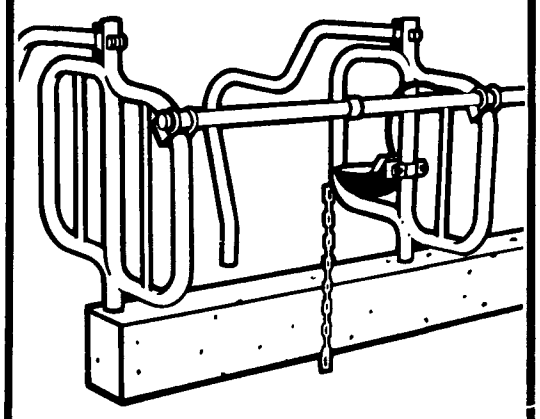

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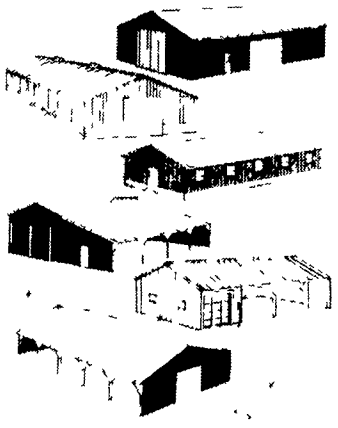

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NH 259 hay rake, rubber teeth, A1, $1,795; Int. 100 belt drive, fast hitch mower, $675. 717-354-0266.

1980 Gleaner L2 corn + low hrs., all options 2 heads; AC 6 row rolling cultivator. 201-689-0253 or 689-3562.

7 ft. New Idea semi mounted sickle bar mower, $250. Garry Ulmer. 717-323-0987 after 5 PM. Lycoming Co.

For Sale - 4' roto mower for Farmall cub, $150; new L-59 5' roto mower for Farmall ASA or 140. Harold L. Sample, R.D. 1, New Providence. 717-786-3087.

Model E Gleaner combine with narrow corn head, grain table and cab. Very good condition. 703-254-1548.

JD 24 T baler with engine; 6' 3 pt. Flail mower; Farmall 140 plow cultivator with fast hitch. Harold L. Sample, R.D. 1, New Providence. 717-786-3087.

FARM EQUIPMENT

FOR SALE - 1660 Case combine 15' grain header, 6 narrow row corn head, good condition, $7,500; 48' bale elevator, like new. Dauphin Co. 717-944-1346.

Used IH 91 self-propelled combine, 10' grain head w/adjustable Hume reel, good condition. 717-423-6110 early morning or late evenings. Franklin Co.

West Brick masonary lift, $1250.
DENNIS M. MILLER
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717-838-1888 anytime
717-469-0937 daily

For Sale - Pequea PTO hay tedder on rubber like new, $950. No. 56 Kelly 3 pt. backhoe 4 years old bring cash. Garret County, Maryland. 301-895-5882 after 6 p.m.

JD 4230 4 wheel drive tractor, very good condition. 717-532-7054.

NH model 495 haybine, good condition, $4,500. 717-532-7054.

Gleaner E combine, 10' grain head, 238 corn head, good condition, $2,675. 717-458-6381.

Gleaner combine, 2 row W corn head, 12' hume reel, Also 880 NH chopper with N or W corn head. Also pickup head. 215-348-5514.

FARM EQUIPMENT

MF 410 gas combine 72 model cab 13' platform w/pickup reel #44 corn head. Reasonable. 215-965-6363.

Case DC, good condition, good tires; Mack B Model engine, Diesel. 814-669-9207.

300 gal. Mojonnier open top milk tank w/Lehigh compressor, $400. 215-965-6363.

AC 12' Gleaner E Combine; AC 66 PTO Combine; AC Tractors 7020, 7000, 190 gas, 185, C; Oliver 66; 4" & 5" irrigation pipes, $50 ea.; AC used tractor parts. 717-733-8708.

Oliver self-propelled combine, real nice condition. 717-626-8257.

Used Durand 36" Veg. washer, good condition (New Doughnuts), $800; Wooden crates ideal for produce hold 2 bushel, $1 each.
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S. Smyrna

GE 24" exhaust fan with flapper, 220V, stainless steel frame and blades, waterproof 717-865-4461.

FARM EQUIPMENT

Owatonna 350 self-propelled windrower w/contour flotation & Ford Industrial engine, very good condition, $1,800; good 1600 International truck, metal flatbed dump w/grain sides, $2,850. 717-364-5318 or 458-5275.

For Sale - Uni 702G with cab, 729 Sheller, 720 corn head, very good. 215-855-1053.

For Sale - Blower, industrial, heavy duty type, squirrel cage, with 2 HP motor. Ideal for hay dryer. Like new. Lebanon Co. 717-273-6018.

IH TD24 diesel Bulldozer, serial number 547, 12 ft. blade, good condition, needs batteries, $6,000. Evenings 717-394-1159.

For Sale - 525 Oliver combine for parts. 301-842-3300.

H-190 side conveyor Ag-Bagger for sale. $13,000. 717-862-3213 or 717-927-9483.

For Sale - Farmall 504 w/fast hitch; MF 65 w/3 pt.; NH 36 & 24 ft. elevator; MF & JD hay rake; Oliver 620 baler, $400; Int. & Ford 7 ft. grass mowers; Papec 3 beater silage wagon; Int. 7 ft. rotary mower; NI 323 corn picker. 215-562-4464.

FARM EQUIPMENT

For Sale - Fitchburg Brush Chipper, good condition, $3,900 or best offer. Call after 5:00 p.m. 215-929-3930 (Berks).

1930 John Deere G.P.-$1,500; 1938 John Deere L-$1,000. Phone 717-746-1337.

For Sale - Case 4490, 850 hours, 24.5-32 tires, AM-FM, Air. 412-865-2608.

For Sale - IH 10' grain platform fits 203,205,315 combines. 412-865-2608.

FOR SALE - Farmall M, $900; electric cream separate, $95. Huntingdon Co. 814-632-8489.

FOR SALE - Fox Super D self-propelled forage harvester w/diesel engine, hydro transmission, 8 knife cutting cylinder & cab, 2 pickup heads, 2 corn heads, 1 wide, 1 narrow, $9500 or best offer. This machine had extensive work on both engines & cutting unit. Reason for selling: Sold Cows. Huntingdon Co. 814-632-8489.

FOR SALE - NH 357 Grinder Mixer w/20' unloading auger, very good condition, $3,300 or best offer. 814-632-8489 Huntingdon Co.

21' fold up harrow, good condition, $1,200. Stump Acres. 717-792-3216 York Co.

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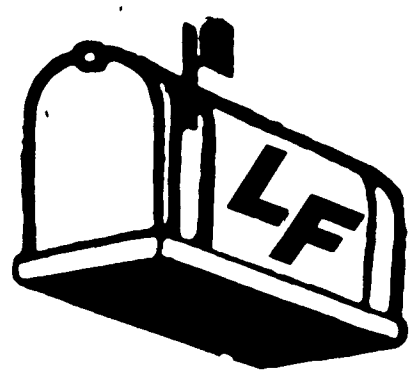

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FARM EQUIPMENT

For Sale - Horse Drawn 456 New Holland Mower and 310 New Holland Baler with Engine. 814-383-2347.

FOR SALE - Case 650 self-propelled haybine 8 cut with V-4 Wisconsin engine, excellent condition. Price $1,800. Call 717-624-2313.

FMC 1 row sweet corn harvester. Ready to go. Needs no repairs. Will deliver 100 miles. 301-778-3695.

8 row sweet corn sprayers 6' clearance, John Bean high pressure pump, $5,000. Will deliver 100 miles. 301-778-3695.

GM 4-71 Power unit w/clutch, very good condition, $2,500. Will deliver 100 miles. 301-778-3695.

For Sale - New Holland crop chopper 33, excellent condition, $900. Chester County, Henry U. Stoltzfus, Jr., Rt. 2, Honeybrook, PA. 19344. 215-273-2120.

For Sale - JD model LA w/cultivator and plow, electric starter and lights, good condition. 717-665-3764.

Windrower 201 International stored inside, very good condition. Call 215-926-4815.

Tobacco planter, 1 row, $135; 5-16 btm. auto. Case plow, needs work, $900; 8" steel H-beams, 16', $35. Lancaster Co. 717-733-3980.

JOHN DEERE 40 S.P. combine 10' head with Hune reel, lights, good engine. 717-458-5043 evenings.

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For Sale - Flygt submersible manure pump, 16 h.p., model FS-3152, used only 8 months; Also (1) Vandale model 210 T.M.R. mixer, (stationary). Call Brad-Tro Equip. Co. 717-297-4246.

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For Sale - Chisholm - Ryder snap bean harvester, 1974 model diesel, hydrostatic, completely rebuilt, excellent condition. Columbia County. Phone 717-759-0679.

Worthington air compressor, 10 HP complete with 80 gal. tank and 3 phase, 10 HP motor. 215-255-5211.

Hesston 1¼ ton Stack Hand, new condition, $4,000 or trade on truck, car, cattle or tractor. Call after 4 PM. 814-344-9965.

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Used concrete silo - Free to good home. 301-272-2208. Aberdeen, Maryland.

AC combine 40" grain 40 years old, one owner, kept under roof, good condition, $300. 717-386-4596.

FARM EQUIPMENT

Gleaner L combine, 1975 with cab, air, radio, dual wheels, 15' header, 4 row 38" and 6 row 30"; 12' JD roller harrow; JD 216 wire baler; NI spin spreader; Century sprayer 200 saddle tanks and accessories for JD 4020; 4 row AC rear mount cultivators; 26' grain trailers; 1 set dual wheels, axle mount, 18.4x34 for JD 4020 and Little Giant 40' elevator with fold up hopper. Ed Vogt, Medford, NJ. 609-654-7489 after 6 PM.

JD 1209 haybine, new model with adjustable stub guard. Phone 717-324-2841.

New Holland 1002 stackliner, like new, $3,500. 717-324-2841.

FOR SALE - 4¾"x660' soft hose Vermeer irrigation traveler, also 3500' of 7' main line, good as new, $9,950 for both. 717-837-0724.

Vermeer 605C round baler w/wide outside belts and double springs, good shape. 412-352-3582.

Int. #241 round baler, late model, nice condition. 412-352-3582.

FOR SALE - John Deere 45 combine, new belts, new motor, 2-row corn head, 10 foot home reel grain head, $2,500. 215-795-2396.

JD 215 disc harrow 22" blades. Excellent shape. 717-529-6651.

NH 357 Grinder Mixer, excel., $4,200; MFS 8"x55' grain Auger, $1,595; cattle head gate w/crate, $275. 717-733-4313 or 315-252-1756.

Gleaner F2 hydro corn-plus combine purchased new used 450 hours by owner. Cab, air, heat, monitors, 13 ft. grain header with floating cutter bar and pick up reel. 4 row model 438 corn header kept under cover, like new, $38,500. 804-633-5902.

300 bu. silage mixer w/factory rebuilt elec. scale, flotation tires, International (by Arts Way), $6000; 3x16 3 pt. H heavy beam trip plow, $650; 3x14 Case trailer plow (hyd. lift), new pts. & mold boards, $225; MF 14' disk, $850; 32' 250 gal trailer sprayer, brass screens, nozzles, PTO pump used once, new regulator, never used, $700; NH 469 Haybine, new wobble gear 1 yr., $1800; JD 495A 4R plate corn planter w/insec. hoppers, XL shape, $1250, Ford baler w/thrower, $1800; 185 bu. Hawkbuilt rt. hand unloader manure spreader, $450. Columbia Co. 717-784-9458.

1977 3300 John Deere Combine, 13 ft. head, 800 hrs. Call after 6 p.m 609-235-3681.

For Sale - JD 4430 with cab, dual hydraulic, tandem wheels, diesel, 2,931 hours, $15,000 Phone 301-797-6717. Ask for Mrs. Stovall.

800 gal. Mueller bulk tank, 3½ yr. remaining on guarantee w/2 used 2 HP compressors, $6500; 5 DeLaval bucket milkers (4 40#, 1 50#), w/DeLaval or Surge claws, w/Surge elec. pulsation, $250 and $350; Surge Alamo 100 vac. pump, used 18 mo., $1750; balance tank, $250; Smith 80 gal. elec. hot water tank, used 18 mo., $225; 64 tie stalls, $1250 350' 2" plastic vac. line, 50' 3" vac. line, $270; Surge elec. pulsation control, 35 stall cocks, brackets, wiring, $1000; 30" fan w/shutters and thermos., $300; 38 Humane plastic water bowls w/brass fittings, used 18 mo., $975; feed cart, $85, silage cart, $100, 2 5 calf starter stalls, $150 ea. 717-784-9458.

72 h.p. Fiat Tractor, NEW. 3 point hitch, 8 speed transmission, fuel injection. Interchangeable with Allis Chalmers parts. Will sacrifice, $11,500. Manuals available. Call Lyn. 201-827-4143.

FARM EQUIPMENT

IH 856 Diesel with roll guard, original paint, like new. 814-793-4293.

JD 3010 Diesel, completely over-hauled, new paint 814-793-4293.

Oliver 1850 diesel, dual hydraulics, wide front 814-793-4293.

JD 4020 power shift, dual hydraulics 814-793-4293.

IH 1466 cab and air, dual hydraulics, like new. 814-793-4293.

JD 4320 wide front 18.4-38 tires, dual remotes 814-793-4293.

Minneapolis Moline G900 Diesel, orignal paint, like new.814-793-4293.

JD 4010 Diesel, wide front, excellent condition. 814-793-4293.

JD 4230, 4 post roll-guard, dual outlets, excellent. 814-793-4293.

JD 4020 side console real clean, low hours 814-793-4293.

Ford 5000 Diesel, dual outlets, standard transmission, late model 814-793-4293.

MF 1080 diesel, wide front, multi-power, dual hydraulics. 814-793-4293.

IH 656 wide front 3 pt. 814-793-4293.

JD 730 diesel, electric start, wide front, 3 pt. 814-793-4293

Oliver 1850 diesel, dual hydraulics, wide front, 814-793-4293.

IH 1066 cab, dual outlets, 3 pt. 814-793-4293.

JD 4430 power shift, dual hydraulics, 4 post roll guard, 38" rubber, 814-793-4293.

MF 1100 diesel dual hydraulics, 38" rubber, 814-793-4293.

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AC D21 Tractor with 7' bottom plow; AC F combine 1974, 13" grain head with generation 3 floating cutter bar; IH model 58 8 row planter; 4 row cultivator for AC tractor back mounted; Farm Fan model 350 batch grain dryer, 609-259-3733.

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For Sale - 1983 JD model 8300 grain drill; 1981 JD Pull Type 12' chisel plow; 1978 Farmfan batch grain dryer with bins and augers; 1959 5 head Chevy horse van, 1 owner, 44,000 miles; 1970 Owatana haybine. All in good condition. Must sell. Call 717-273-6748.

For Sale - Troyer high speed potato grader. 717-367-2633.

Cat D9G Dozer w/ripper, very good condition 717-933-5734.

8' self contained cinder or fertilizer spreader; IHC 125C Crawler/Loader; Ford 550 Backhoe/Loader. 717-933-5734.

Ford 4500 Backhoe/Loader; Davis Walk-behind Trencher. 717-933-5734.

JD 3020 console, standard shift, 72 model. 814-793-4293.

FARM EQUIPMENT

JD 494 corn planter with disc openers. 301-833-1847.

MF 65 gas, new rubber, $2,700. 814-793-4293.

MF 65 diesel, excellent condition. 814-793-4293.

Oliver 1955 cab and air. 814-793-4293.

Oliver 1755 diesel, 3 speed over and under, dual hydraulics. 814-793-4293.

For Sale - Cat D9G Dozer w/Ripper; 8' Spreader Box; JD 450 Crawler/Loader. 717-933-5734.

2 hay feeders, $75 each; 1 JD A-20 corn cultivator, $350; 1 10' E-Z flow spreader and 1 9' offset transport disc with cylinder, $400. 215-356-5305.

For Sale - JD 6600 Sidehill Combine, cab, a/c monitor, weights, straw spreader, bin extensions with 213 grain and 444 corn head. Always shedded, field ready, priced to sell. 215-298-2774.

For Sale - Twin-disc clutch 11" No. 2 bell housing. 215-683-7230.

MF 510 diesel combine, 4 row, 30", 15' grain, new rubber & motor, sealed ready. North Cumberland Co. 717-648-0027.

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NH TR70 Combine w/6 row 30" corn head and 15 ft. grain head. Call evenings. 301-845-6121.

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JD 4040 tractor with sound guard cab, very nice condition. Price $16,500. 717-532-7054.

FARM EQUIPMENT

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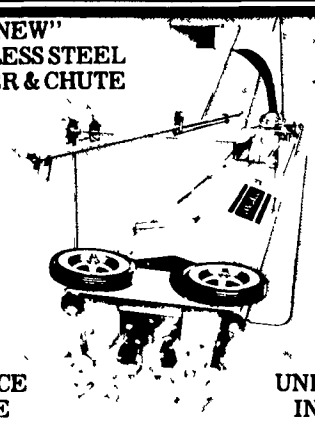

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MF-1150 V-8 engine, turbo multi-power trans
Case 930 gas comfort King, wide front
Case 830 diesel, comfort King, Case O Matic, wide front

NEW TRACTORS & EQUIPT. IN STOCK
D5207 Deutz tractor, 52 h p
D7007 Deutz Tractor, 68 h p
DX 4 70 Deutz tractor, 90 h p w/4 post safety frame
DX 120 Deutz tractor, 111 h p, w/4 post safety frame
Leon 636 heavy duty front end loader, fits Deutz tractors
Deutz-Fahr KH300 9 8' Hay Tedder
Deutz-Fahr KS85 Hay Rake
Custom-built diesel Gen Sets made to order
New & Used Deutz diesel engines at special prices Call for details
New Deutz F2L-912 diesel engines 20-32 H P electric start

Stauffer Diesel Inc.
312 West Main Street
New Holland, PA
PHONE 717-354-4181

FOR SALE
JD 4440, 4 post, quad range, new tires, good condition.
$16,800
215-383-6818

Farmall 856 diesel
3 pt, cab, differential lock, turbo, deluxe seat, WF, 38" rubber, recent overhaul, VG
10' Huth Master offset disc,
excellent
JD 105 combine
13½' grain head hume reel, 4-row corn head, VG
215-838-9927

NH 1002 Auto Bale Wagon
Good Shape
$3,000

(1) 1830 Skid Loader, Excel. Cond. w/Grapple Hook

(1) 1737 Skid Loader, Excel. Cond.

1976 Case DB990 Tractor
Good Shape

ACWD 45 Diesel Tractor w/3 Bottom Plows. Good Shape
$1895

Used NH TR70 Combine, Fully Equipped w/13' Grain Head, 6 RN Cornhead
$23,000

NH 679 Manure Spreader With Top Beater - Real Good

PAUL SHOVER'S INC.
35 E Willow Street
Carlisle, PA
717-243-2686

1975 White 2-105, 18.4x38 tires, dual hydraulics.
JD 217 grain drill, 21 double disc
1969 5000 Ford diesel, 15.5x38 tires, $4,500
1972 MF 175 diesel, 15.5x38 tires, independent PTO, multi-power, $4,500
JD 111, 11 HP, 36" cut riding mower, $925
Gehl 600 harvester w/TR 3038 corn head, $1,650
Gehl 800 harvester, 1,000 RPM w/pickup and 2 row narrow corn head, electric control, $3,650
Doin 3 beater wagon nice, $2,475
NH 355 grinder mixer $3,100
Gehl 100 Grinder mixer, hydraulic drive, nice $3,800
2 JD 716 wagons, 3 beaters

Horning's Farm Machinery
Ephrata, PA
717-733-7408

AC 200 Tractor w/Cab
AC 160 Dsl. Tractor w/ Loader
AC C Tractor & Cultivator
AC CA Tractor w/ Cultivator
AC 4 row 600 No till cornplanter
NH #479 Haybine
NI #218 Spr. w/Upper Btr & End Gate
NI #218 Spr. w/Upper Btr.
NI #213 Spreader
NI #709 Hydro Power Unit
OMC 235 Swing Tongue Mower Conditioner 12'
OMC 220 9' Mower Conditioner
OMC 540 Stacker & Mover
8C Hydra-Mac Skid Loader

ROY H. BUCH INC.
Ephrata
717-859-2441

USED EQUIPMENT

TRACTORS
Oliver 1755 D w/cab
AC 5050 4-Wheel Drive

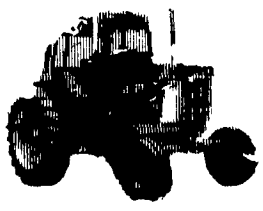
COMPACT TRACTORS
Kubota B6000 E with Woods RM 59 mower
Satoh S550 G

HAY TOOLS
NH 68 Baler w/thrower
NH 30' Elevator
(2) NH 469 Haybines

SPREADERS
NH 367 Tank Spreader (L.H.)

PLANTING & TILLAGE
Oliver 348 3-16 plow
Brillion 14' Transport Harrow
IHC 455 4-Row Planter
IHC 400 4-Row, No Til

NORMAN D. CLARK & SON
Honey Grove, PA 17035
Phone 717-734-3682
Located 14 Miles South of Port Royal on Rt. 75



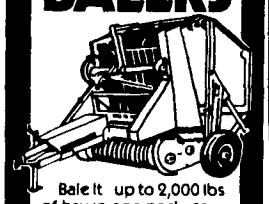
NEW TRACTORS WHITE TAG SPECIALS
9518 Simplicity demo.-Special Price $5,800
234 4 Wheel Drive
244 4 Wheel Drive
584
540 S[SOLD]der
335 Wagon
5100 16x7 Grain Drill
510 Plow
720 Plow

NEW EQUIPMENT SPECIALS
800 Air Planter
18' Bale Wagon-Special Price
Morridge Corn Dryer
4 Row 800 corn planter
1190 Mower 7 ft. cond.
15 Bale Thrower

USED EQUIPMENT SPECIAL
1947 CJ3 Jeep
Farmall [SOLD]er C Tractor
8 N Ford Extranice

LAMB'S FARM MACHINERY
Thorndale, PA
Phone 215-269-2676

HAY! BALERS



Bale It up to 2,000 lbs of hay in one package
Up to 15 tons per hour
Solid from the core to the outside wrap

- 25% heavier than other large round packages 25% less spoilage
- A bale that retains its shape — and nutritional value — better than any other hay package in the field
- Five different models to fit your needs
- The best part? It's the most competitively priced baler in the field today!

Vermeer

The one man hay system includes disk and drum mowers, tedder rakes (twin rakes which can rake 3-9 ft. swaths into 1 adjustable width windrow)
New and Used Balers,
Bale Movers and Bale Busters
JOHN MCGILL
Western PA
412-352-3582

Ford Tractors Equipment
SPERRY NEW HOLLAND

TRACTORS
(1) Ford 8700, no Cab & Roof
Ford 8000
Ford 4000 SU Tractor
Ford 5000 w/Gas
(1) Ford 555 14' Tractor/ Loader/ Backhoe
Ford 750, 550, 555 Tractor, / Loader,/Backhoe, cab
Ford NAA w/Loader
AC D17 Tricycle
900 SOS Gas
IH 784
AC 5040
6600 w/Cab
6600 w/Factory Cab
7710 1 yr. old, 400 hrs.

7600 2WD

EQUIPMENT
(1) NH 328 Spreader
(3) NH 518 Spreaders
IH 830 Fg. Harvester, Corn & Hay Heads
Farmhand Wheel Rakes
NH 320, 315, 273 Balers w/Throwers
IH #27 Baler w/#10 Thrower
IH 440 Baler w/Thrower
IH 203 Combine w/Grain Head
IH 315 Combine 3 R Narrow Head & 11' Grain Head
Bearcat #72 Flail Chopper
(2) Ford 9 tooth Soil Saver
Lawn & Garden Tractors w/Mowers & Snow Blowers

CHARLES S. SNYDER INC.
RD3
Tamaqua, PA 18252
Phone: 717-386-5945

JOHN DEERE

USED EQUIPMENT
INT. 475 DISC
JD 5020 tractor
MOTT MOWER - 48 In.
JD 54 Manure Spreader
JD 494A Planter
JD 694A Planter
JD 4400 Combine
JD 105 Combine
JD 1250 corn planter
Oliver 5x16 Plow
1-JD AW disk harrow, 14'
JD 1008 Rotary Cutter - 10 Ft.
4440 Tractor w/cab & air

NEW EQUIPMENT
JD 415 Rotary Hoe
JD 347 W Baler
JD 7100 8-row 20" bean planter
JD 7000 - 4 Row & 6 Row Conservation Planter
1 - JD 506 Gyramor
JD 660 Rake
2950 Tractor
4250 Tractor
JD 850 Tractor
JD 2350 Tractor

OTHER LINES NEW EQUIPMENT
Superior-Campbell Sprayers
Superior-Scranton Livestock Equipment, (Hay Feeders, Corrals, Gates)
Ceco Farm Buildings

COVERT & SONS, INC.
Neshanic Station, NJ
201-369-5241
Just 3 miles off Rt. 202
(Between Flemington & Somerville)

USED EQUIPMENT
NI 5 Wheel rake
NH #518 Manure Spreader
NI #224 Spreader
NI #245 Spreader
NH 358 Grinder Mixer w/scales like new
IH 1150 Grinder Mixer w/scales like new
14' Cultimulcher, Like new
Super A Farmall
AC B

USED TRACTORS
AC 220
Ford 860
Case 2290, like new
Used Lawn & Garden Tractors w/mowers

NEW EQUIPMENT AT USED PRICES
Many Models
New Holland Spreaders

NEW EQUIPMENT
18'6" Amco Disc
Bale Queen Hay Wagons
NH Skid Loaders
Hub Tool Elevators formerly N.H.
Gleaner Combines

NEW HOLLAND MANURE SPREADERS

FULL LINE OF AC TRACTORS INCLUDING THE NEW 8000 SERIES CALL FOR DISCOUNT PRICES.

BHM FARM EQUIPMENT INC.
RD1, Annville, PA
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CLEAN STORAGE TANKS
8,000 & 10,000 gal.
Capacity ½" thick
Can cut to use for bridge
Farm Use Tag-Along Flat Trailers
1 Single Axle
1020 tires
$225
1 2 Axles
920 tires 6½' Wide
12' Long $425
Carl Kisko
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Tremont, PA 17981
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1 NEW 7 TOOTH, 9' GLENCOE SOIL SAVER, $5,200

JD 34 HARVESTER W/ PICKUP & CORN HEAD
$1,000

1 NH 488 HAYBINE USED 1 YR.
$5200

SHOVER'S
Loysville, Pa.
717-789-3117

USED COMBINES
Waiver of Interest till January 1, 1985

- '73 JD 7700, hydrostatic drive, turbo, 16' platform
- '75 JD 7700 - Rotary Screen, 16' Platform
- '76 JD 7700 Rotary Screen, gear drive, 15 ft. platform
- '80 JD 7720 4 wheel drive, 220 flex cutterbar
- '81 JD 7720 4 wheel drive, 220 flex cutterbar
- '81 JD 8820 4 wheel drive, factory duals, 1100 hrs., with 220 flex cutter bar and 1243 corn head. Excellent Shape
- '74 JD 6600 gear drive w/15' cutter bar
- '79 JD 7720 4 WD 1400 hrs. 220 flex cutter bar
- '76 JD 6600 hydrostatic drive w/216 flex cutter bar
- Allis Chalmers Model G Gleaner

CORN HEADS
Good Selection of John Deere
443-444-643-644-843-1243 Cornheads

USED TRACTORS
Waiver of Interest until July 1, 1984

- '77 JD 8430 w/dual 20.8x34 tires, 3 pt. hitch, PTO, 3 outlets
- '69 Oliver 1850
- '77 JD 4630 cab, air, heat, dual 20.8x38 tires, 2135 hrs.

- '79 Steiger ST 210 Series 3, 4WD with dual 18.4x34 tires, 3 pt. hitch, 1336 hrs. Reduced to $28,500.

CORN PLANTERS

- JD 7000 630 conservation planter w/no till coulters, dry fertilizer, auger fill monitor, insect. attachment

USED PLOWS

- JD F145-5-16 Semi Plow w/Harrow attachment

JD 125 Skid loader, diesel engine, utility bucket
List $18,900 Special Price $13,850

MISCELLANEOUS EQUIP.

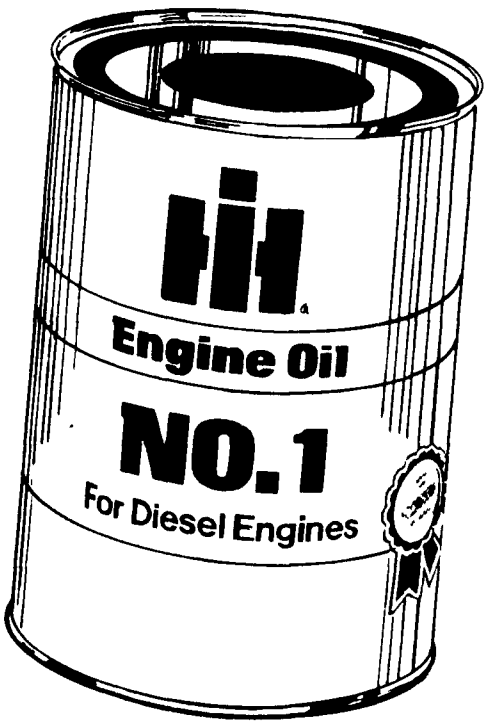
- JD 210 14' disc harrow
- 1 Brillion 23' folding packer, crow foot wheels
- Graber 26' flex pull-type chisel plow
- 1 Brillion 4 row cultivator w/heavy spring shanks
- JD 653 row crop bean head, like new
- Bish head adapter to install JD corn head on NH TR70 combine
- JD 38 Harvester w/2 RW Head
- Tye drill 24 tine, double disc opener, 3 pt. hitch
- (1) Brillion 15½ ft. field cultivator w/Midwest Harrow
- John Blue 300 gal. trailer sprayer w/hydraulic pump

W.N. COOPER & SON, INC.
Morgnec Rd. Rt. 291
Chestertown, MD
301-778-3464

PARTS VALUE OF THE MONTH

What is BASE NO.?

What does it mean to you?



Two facts about diesel engines make the choice of engine oil extremely important to you One is that most diesel fuel on the market today has significant sulfur content, the other is that water, the normal by-product of combustion, condenses into the oil

Unfortunately the sulfur, which burns with the fuel, combines with the water to form sulfuric acid (H_2SO_4) Unless counteracted by an alkali, this acid attacks the metal parts of an engine, especially the bushings and the bearings for cam shafts and crankshafts Pistons, piston rings, cylinder walls, wrist pins, and valves also are subjected to harmful corrosion That's why almost all engine oils hve alkalinity additives

But how much alkalinity do you need? This is scientifically measured by the Total Base Number (TBN) The higher the TBN, the more reserve alkalinity you have to protect your engine

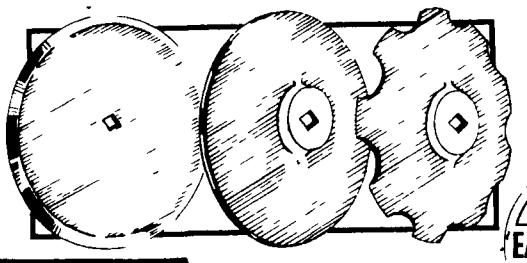
Studies show that the TBN should be 20 times the amount of sulfur in the fuel IH No 1 engine oil has a TBN of 12 5 to 13 5 — enough to counteract 0 6% sulfur This is above the highest range of sulfur in fuel marketed in the U S IH No 1 has enough alkalinity to do the job

In contrast, many competitive engine oils have TBNs running from only 6 to 8 The reserve alkalinity in IH No 1 engine oil is one of the major reasons why IH engineers have extended the change interval from 100 to 200 hours if IH No 1 engine oil is used When you use IH No 1, you know you have the oil that'll protect your engine from premature failure, and you know you'll save substantially by changing oil only half as often

Come in . . . let us show you the proof of how IH No. 1 engine oil gives you total engine protection.

PARTSMART

INTERNATIONAL HARVESTER



IH DISK HEADQUARTERS!

EARTH METAL

EARTH METAL DISKS:
60% Stronger!
20% Longer Life!

C-shape bearing standards Allow gangs flex to ride over obstructions.

IH 496 FLEX WING DISK HARROWS WITH EARTH METAL DISKS!

New....
22'2" - 7½" Spacing, Cushion Gang - Model 496

18'7" - 7½ Spacing, Cushion Gang
19'1~~SOLD~~" Spacing, Regular Gang
22'9" Spacing, Cushion Gang

WAIVER or CASH REBATES ON DISK HARROWS TIL 9/1/84

CALL US FOR IH DISK HARROW PARTS IN STOCK!

IH GRAIN DRILLS

• In Stock - Ready For Delivery •

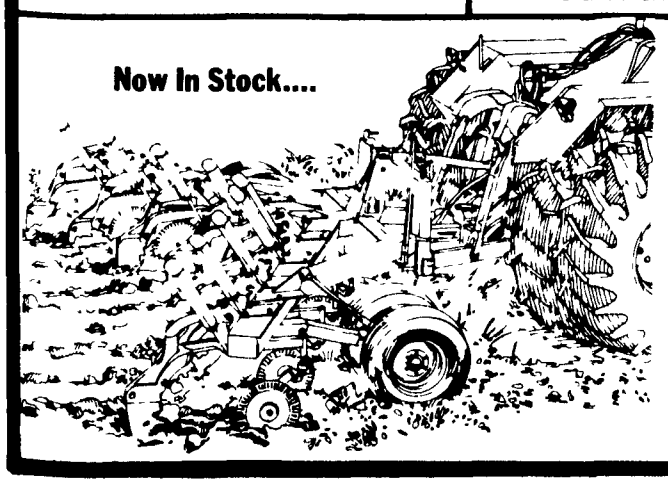
Trailer Load Just In!
16x7 Plain
18x7 Plain
20x6 Plain
24x6 Plain

★ WAIVER TILL 5/1/85!

TILLAGE EQUIP. IN STOCK!

415 Packer Mulchers, 12'2, 13'2, 14'2 & 21' In Stock
No. 14 Subsoiler, Auto Reset, 5 Shanks
IH 4600 Hyd. Folding 26' Field Cultivator-Demo Avail.

Now In Stock....



No. 14 AUTO RESET Subsoiler

opens soil for Deep Penetration of Water And Air!

TRACTORS, COMBINES & EQUIPMENT
4% DEALER ALLOWANCE AVAIL. DURING JUNE!

JULY ALLOWANCE—3%

WAIVERS or CASH REBATES NOW AVAILABLE...

New Ag Tractors	Til 1/1/85
New Combines	Til 9/1/84
New Planters And Cultivators	Til 5/1/85
Field Cultivators & Packer Mulchers	Til 3/1/85
Hay Equipment • Extra 10% Discount For June Purchases	Til 9/1/84
Materials Handling	Til 11/1/84

CALL NOW FOR OUR SPECIAL PRICES!

- 884 Row Crop
- IH 4600 Hyd. Folding 26' Field Culti. Transport w/13'9-Demo Avail.
- 3288 D w/Rops
- 15 Rear Blade, 3 pt.
- 20 Rear Blade, 3 pt.
- 5500 11 Ft. Mounted Chisel (Demo.)
- 735 6-Btm. Vari-Width-8%
- 1350 Grinder Mixer
- 881 For. Harv. w/Heads
- 781 For Harv. w/Heads
- 595 Spreader
- 560 Spreader
- 183 4-Row Cultivator-Narrow & Wide Available
- 183 6~~SOLD~~ultivator
- (2) 963 Cornheads
- 35 Hyd. Drive Hay Rake
- 375 10 Ton Tandem Wgn Gear
- (2) IH 1420 Combines - Demo. Allowance Available
- 810 15 Ft. Header, Demo.
- 810 13 Ft. Header

ALLOWANCES ON TRACTORS UP TO $6,000 PLUS WAIVER OR CASH REBATE!

★ IH 884 R/C-Rental Unit
★ IH 784 & 684 R/C
★ IH 3088 ★ IH 3288 w/ROPS-Rental
★ IH 3688 w/Cab
★ IH 5288-Rental Demo-Special!
★ IH 5088 w/18.4x38 Duals
★ IH 5088 w/20.8x38 Radials

IH 6788 TRACTOR
4 Wheel Drive, 160 + HP,
18.4x38 Duals...
12% DEMO DISCOUNT
Plus Waiver or Cash Discount

USED EQUIPMENT

TRACTORS: (Waiver to 9/1/84 or Cash Rebate
IH 806, 3 pt. Hitch, Wide Front, TA, $5,500 (No Trade)
(2) IH Farmall "C"
Farmall Super C w/Fast Hitch & Cult.
Farmall 300
Farmall 400
Int. F12 w/cult.
JD 2010 D, Tri.
IH 966D w/Cab
IH 806 Diesel, Wide Front, TA, Fast Hitch
IH 450 Gas, wide Front — $2250
IH 404 Low Utility, 3 pt. Hitch, w/Mott Mower & Snowblade
MF TO-20 w/Turf Tires
MF 33 w/3 pt. Hitch
MF 65 Diesel w/MF Loader
MF 35 Diesel
IH 240 w/Fast Hitch
Ford Jubilee — $2,500

TILLAGE:
Athens 11 Ft. Chisel Plow, 3 pt. Hitch
Brillion 16' Single Packer, Like New
Pittsburg 11'6" Disk
JD KBA Disk, 9' — $750
JD KBA 12' Disk
JD 2500 7-Bot. On Land Auto. Reset Plow
IH 37, 35 In Various Sizes
IH 55 C~~SOLD~~'il 10 Ft. with Buster Bar, Trailing
Oliver 4-Bot. Semi-Mtd. Plow
IH 440 4-Bot. Plow
IH 645 Vibra Chisel, 13½', Trailing
IH 45 Vibra Cult., 12½', Trailing - $1,250
IH 45 Vibra Cult., 13½' Folding
AC 1-Bot. Trailing Plow
MF 520 20' Folding Disk
Vicon 10' Power Harrow — Was $2,500 — Now $1,800

LAWN & GARDEN:
IH 72 Cadet w/Mower
IH 1000 w/38" Mower
MF 340 Snowmobile, Good Shape — $750
Dayton 10 HP w/Blade and Mower — $1050

HAY & FORAGE EQUIP
(3) IH No. 51 Forage Wagon
IH #5 Flail Chopper, Direct Throw
33 NH Flail Chopper
Gehl FBB 88 Blower
Gehl 99 Hi-Throw Blower, nice!
550 IH Chopper
NH 36 Crop Chopper
1014 Hesston Mower Cond.
NH 269 Baler
IH 27 Baler w/Thrower
IH 420 Baler
IH 440 Wire Baler w/Thrower
(2) IH No. 10 Bale Throwers
Grove Bale Wagon
5026 Elec. Wheel, 8 ton Gears
IH 25B Mower for H or M
IH Direct Cut Head Ford 25 or 16 Chopper
IH 40 Shredder

MISCELLANEOUS:
New FMC DO-10E 200 S, Electric Start Trailing Sprayer, 200 Gal. Stainless Steel Tank w/10 GPM Pump — $3,250
McCurdy 20' Trailing Harrogator — $1,300
SIMMS Cab & Roll Bar Enclosure for 574 Series Tractor — $750
Melroe No. 600 Rock Picker
IH 80 Snowblower, Like New!
(5) Cushman Golf Carts — $250 ea., in running cond.
IH 1600 Truck w/9' Dump & 9' New Midwest Body — $4250
Athens 15' Bat Wing Mower (In Stock)

PLANTERS:
(Waiver on Gr. Drills to 5/1/85)
JD 7000 Conservation, 6 Row, Liq. Fert., Like New—Field Ready
IH 2-Row Fast Hitch
IH 2-Row Trailing
IH 455 4-Row
IH 658 6-Row Narrow Dry Fert.
4 & 6 Row Cyclos, Field Ready!
JD 1240 Plateless, Liq. Fert., 30" Rows w/DEMCO Squeeze Pump — Nice!
JD Van Brunt 13x7
JD 15x7 Drill, DD, Comb.
IH Fast Hitch, 2 Row Cult., Like New
IH 200, 3 pt. Hitch, 2 Row Cult., Like New
8' Brillion Packer Seeder, w/2 Boxes

MATERIALS HANDLING:
Front Mtd. Forklift for 20 Series JD Tractor
Farmhand Loader for IH 74 Series Tractor
7x14 Dump Wagon w/Midwest Hoist

COMBINES: (Waiver to 1/1/85)
715 Diesel Hydro w/13' Floating Cutter Bar and 744 Cornhead
AC Model C2, 12' Hd., 4-Row Wide - Rough Cond. - $2,000
MF Model 300 Gas, 2-Row Hd., & Platform - Rough Cond. — $1,200
810 13' Cutter Bar
IH 1460 (1980 Model) w/963 Cornhead — 1100 HRS., Like New!
MH 35 SP 8' Platform, Fair Shape
715 D Hydro, 1976 Model, 820 15' Cutting Bar — Real Nice
JD 4400 1977 Model w/213 Floating Cutter Bar & 443 Cornhead, 1355 Hrs.
IH 315 Hydro w/12' Platform, Field Ready, w/PU Wheel & Hyd. Lift
IH 315 Hydro (For Parts)
IH 403 w. 4-Row Wide Head & 12 ft. Grain Platform
IH 844 Cornhead
IH 315, 2-Row Wide Head
IH 227 Cornhead, fits 315, 205 or 203
IH 234 Picker w/Husking Bed, Mount for 656 Farmall
Set of Tires & Rims for 1420 Combine - 23x134 Rice tires

We Ship Parts UPS, Parcel Post - Same Day!
Call For Stock Items

★ Northwestern Skid Loader - Model S71 Gas - Demo, In Stock At Special Price!
Special Price On Diesel Unit Available On Factory Order - Call For Price!

ERB & HENRY EQUIP., INC.

New Berlinville, PA. 19545
Ph: (215) 367-2169
Daily 7-5:30; Sat. 7-3

★ Farm Bilt Hay Wagons ★ John Blue Sprayers
★ Jamesway ★ Sprayer Parts headquarters ★ FMC Bean
★ DeLaval ★ Roskamp Roller Mills ★ Woods
★ Deutsch-Fahr Tedders In Stock ★ Grasshopper Mowers
★ Vicon Spreaders ★ Trailblazer Foam Markers ★ Myers Forage Wagons

We're An "XL" Dealer!

MF
Massey Ferguson

USED EQUIPMENT
MF 285 Diesel Tractor, Ex. Cond., w/8-mo. Unexpired Warranty Remaining - 170 Hrs!
MF 510 Diesel Combine w/MF 44 Cornhead
MF 410 Combine
MF 440 Cultivator
Oliver 419 Plow
NI 106 Fert. Spreader
NH 280 Baler w/Thrower
MF 12 Baler w/Thrower (Good Cond.)
IH 225 Swather
Riding Mowers
Push Mowers

NEW EQUIPMENT
MF 205 Tractor
MF 240 Tractor
MF 294-4 Tractor
MF 298 Tractor
MF 1020 Tractor
MF 698 Tractor
MF 3525 Tractor
MF 224 Balers
MF 228 Balers
MF 216 Loader
MF 725 Mower Cond.
MF 925 Mower Cond.
MF 233 Disk
MF 860 Combine
MF 1163 Cornhead
NI 660 For. Harv.
NI 351 Spreader
NI 352 Spreader
Snapper Mowers
Dixon Mowers
Century Sprayer
Grimm Tedders
Woods Mowers
Herd Fert. Spreader

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Complete TRACTOR & ENGINE REBUILDING
Dynamometer Testing

FOR SALE
A C and Wisc 2 and 4 cyl power units with or without clutch reduction

SPRING GARDEN REPAIR SHOP
RD #1 Box 204
Kinzer, Pa. 17535
Joe S Stoltzfus

Forage Wagons
all sizes
Variable speed
roof/3rd btr. avail.
$3,845 - $4,475 net

Bale Wagons
16' & 18'
Wood or Steel sides
$550 - $990

All new equipment
1 year guarantee

Keystone Farm Equip.
RD 1 Box 269B
New Holland, PA
717-354-7080

USED EQUIPMENT

IH 656 Tractor
Disk Harrows
Grain Drills
IH Cub Tractor
M&W No Till Drill 14 Ft.
NH 1033 Bale Wagon
4 Bt. 3 Pt. Hitch Plow
4 Bt. 2 Pt. Hitch Plow
Used Combines

Norman Bright Inc.
45 Evergreen Road New Egypt, N.J.
609-723-0300

USED TRACTORS

USED TRACTORS

JD 4440 1978 w/Rops Canopy
AC 7000 1978 w/Cab & Air

Vernon E. Stup Co.
5859 Urbana Pike
Frederick, Md. 21701
301-663-3185

USED TRACTORS

USED TRACTORS

USED EQUIPMENT

HAY EQUIPMENT
(2) N.H. 320 Balers w/Throwers
(2) I.H. #37 Balers w/Throwers
N.H. 479 Haybine (nice)
N.H. 489 Haybine
I.H. 1190 Haybine (1 yr. old)
(2) I.H. 990 Haybines
N.H. 1010 Automatic Bale Wagon
N.H. #70 Bale Thrower for 320 (Used 2 Seasons)
(2) N.H. 495 Haybines
Hesston 1014 (12 ft. Hydro Swing Haybine)
N.I. 456 Round Baler

COMBINES
MF 510 Combine w/13 ft. Grain, (1143) 4 Row Corn Head
(2) Gleaner KKS Combines (1976) w/10 ft. Grain Head
MF 300 Combine w/Cab & 10 ft. Grain Head
AC-330 Corn Head (nice)
AC 238 (2 Row) Corn Head
MF QT24 (2 Row) Corn Head
AC A430 4 Row Narrow Corn Head
M.H. 82 Combine w/ 12 ft. Header

FORAGE
N.H. #8 Forage Box w/234 Running Gear (Like New)
N.H. #707 Forage Harvester w/Pickup & Corn Head
IH 650 Forage Harvester w/Pickup & 2 Row Wide Head
Brady 722 Flail Chopper
N.H. #36 Flail Chopper
N.H. Super 23 Forage Blower
N.I. 324 w/12 Row Husking Bed (2 Row Wide Picker)

USED UNI EQUIPMENT
705D Uni Tractor Fully Wgted. w/Cab
702D Uni Tractor w/Cab
702 Gas Uni Tractor w/Cab
702 Gas Uni Tractor w/o Cab
767 Uni Super Chopper
760 Uni Chopper
(4) 766 Uni Pickup Heads
(2) 762-Uni (2 Row) Chopper Heads
774 Uni 4 Row Narrow Chopper Head
737 Uni Husker (Like New)
843 N (3 Row Narrow) Stripper Head
724 (3 Row Wide) Stripper Head
717 Combine w/13 ft. Grain Head
729A Sheller
713S 13 ft. Flex Grain Head

MANURE SPREADERS
N.H. 519 Spreader w/2 Beaters
N.I. 218 Spreader w/Hyd. Endgate
N.I. 214/216 Spreader w/Flail Att. and Hyd. Endgate
N.H. 365 Tank Spreader L.H. (with like new chains & flails)
Hawk Built 257 Tank Spreader
Starline (Galv.) Tank Spreader
Hawk Built 187 Tank Spreader
N.H. 518 Spreader w/2B

MISC.
N.H. 357 Grinder Mixer (nice)

USED TRACTORS
AC 7020 P.S. w/Cab & Air
I.H. 300 w/Torque

ALLIS CHALMERS
AVCO NEW IDEA
SPERRY NEW HOLLAND

ITCO Dealer for ITCO Corp Over 9,000 Items At Discount Prices

SHARTLESVILLE FARM SERVICE
RD 1, Hamburg, PA
215-488-1025
H. Daniel Wenger, Prop.

Farm Equipment INVENTORY REDUCTION SALE

1 - Roskamp (Workhorse) Rollermill. 9"x30" Rolls with Blower discharge
1 - Patz Liquid Manure Pump Model 100
1 - U.S. Farm Systems Bedding Chopper with - 7 H.P. Gas Engine (electric start)

PRICED TO MOVE
TERRE HILL SILO CO.
Terre Hill, PA
Phone 445-6736

Umberger's Of Fontana

RD 4, Lebanon, PA (Fontana)
717-867-5161 or 717-867-2613
Mon.-Thurs.-7:30-5:00;
Fri.-7:30-8:00; Sat.-7:30-4:00

NI 709 Uni Tractor w/818 Combine, 813 Flex Grain Platform, 844 N, 4 Row Corn Head, Excellent Condition
Call For Details

NI 406 Hay Rake
Bush Hog 3 pt. SQ 72 R Rotary Chopper
Used 5' 3 pt. Rotary Chopper
Used McCurdy Grain Bin w/IH Running Gear
Kill Bros 350 Grain Bin

USED TRACTORS

IH 1568	$16,500
IH 1066	$13,500
IH 674 Diesel and 2250 Loader	$12,500
IH 84 Hydro	$13,000
AC D21	$7,500
Farmall F350	$2,850

USED HAY TOOLS

NH 56 Rake	$1,250
Grimm Tedder	$1,050

BIGGS INCORPORATED
34 Buckley Ave.
Rising Sun, Md.
301-658-5531

USED EQUIPMENT FINANCING AVAILABLE
Thorp Commercial
Financial Service of ITT
Over 50 years in lending
Joseph Romanczyk
215-861-0270 717-286-4596
Robert Edinger
215-237-1169

USED EQUIPMENT
MF 124 Square Baler
MF 12 Square Baler
NH 270 Square Baler w/Kicker
Int. 46 Square Baler
NH 566 Baler
Oliver 62 Square Baler
AC 442 Square Baler
NH 845 800 lb. Round Baler
NH 851 1500 lb. Round Baler
Vermeer 605-B Round Baler
Gehl 1500 lb. Round Baler
Hesston 5400 Round Baler
Int. 2400 Round Baler
Vermeer 605 C Round Baler
NH 256 Rake
NH 55 Rake
2, Ferguson 3 pt. Rakes
NH 3 pt. Rakes, like new.
2, NI Rakes.

NEW EQUIPMENT
PZ CM210 Disc Mower
PZ 16' 3 pt. Rake & tedder
PZ 12' 3 pt. Rake & Tedder
8" Hub Post Driver
6, 8, & 10 Ton Wagon Gears
16' & 18' Lamco Kicker Wagons

INDUSTRIAL
Case 1830 Skid Steer Ldr.
Daves articulated skid steer ldr.
JD 1010 Dozer 6 way blade, PTO

TRACTORS
Ford 850 w/890 actual hours, like new
Int. 756 gas 3 pt. Dual hyd.
Int. 756 Diesel 2 pt. Dual hyd, nice
Farmall A
Farmall Cub 1 pt. hitch

JOHNSON FARM EQUIPMENT
Rt. 1 Triadelphia, WV
304-547-0724

SUPER SUMMER SPECIALS

★ **N. CONDITIONERS:** NH 472 & 479; JD 1219.
★ **N. BALERS:** JD 337 & 347; NH 311, **$8,500;** NH 316; U. NH 283, **$3,400;** U. NH 271 w/Thrower, **$1995;** U. NH 68 PTO w/No. Thrower.
★ **N. RAKES:** NH No. 256, **$2,700;** NH 258.
★ **N. WAGONS:** NH 1003 Bale Wagon, **$10,000;** N. Deere 716A For. Box.
★ **N. MOWERS:** JD & WOODS Rotary Mowers, Pull and 3 Pt.

MISC. EQUIPMENT IN STOCK!
N. NH 782 Harv. w/Windrow & 2 Row 30" Cornhead - **$14,500.**
N. NH 30 Blower, **$3,000**
N. Deere & Woods 3 Pt. Rear Blades
N. Vicon & Lely Spreaders and Rakes
N. NH & Little Giant Bale Elevators
N. Pequea & Kuhn Hay Tedders
N. Hardi Air & Boom Sprayers
U. NH 425 Skid Steer Loader w/2 Buckets, **$9,500**
U. Kuhn 3 pt. Tedder Rake Combination, Special **$1,900**
N. JD, Wheelhorse, Dixon, Grasshopper and full line of N. & U. Lawn & Garden Equipment.

TRACTORS
U. Ford 850, 1431 hrs. w/7' Side Mount Sickle Bar Mower & 7' Snow Plow - **$3,800.**
M. Ferg. Ind. 202 Loader, 2140 hrs., Exc. Cond. - **$3,995.**
U. JD 2020 Utility w/Wings, New Tires, Nice - **$5,000.**
U. JD 4020 Side Console Power Shift weights, **$9,500**

JOHN DEERE
SPERRY NEW HOLLAND

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Serving Our Customers Since 1945
Lynnport, PA 18066
State Highway Rt. 143
Phone 215-298-2011

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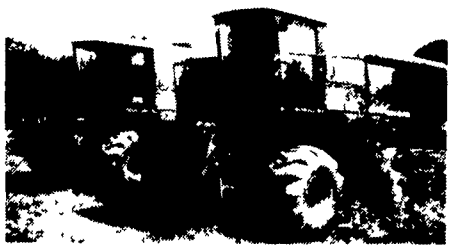
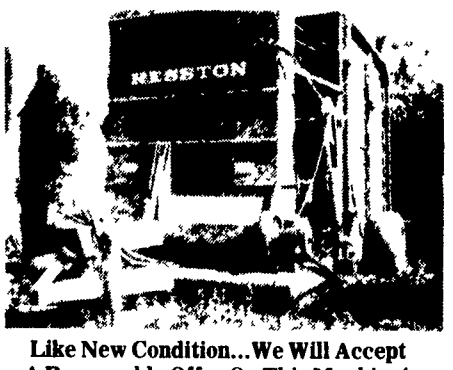
2 GOOD USED JD 6620 SIDEHILL COMBINES



• With or Without Heads •
We Have A 215 & 216 Grain Table
Plus
A Used 444 And New 634 Cornheads
These Are 1-Owner Machines...
Completely Gone Over...Field Ready!

HESSTON STAK WAGON

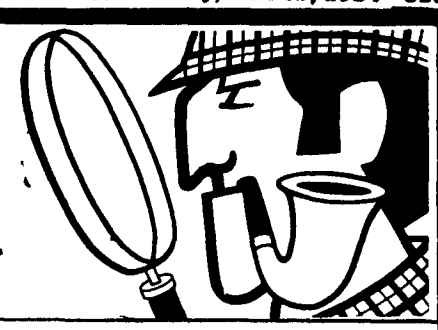


Like New Condition...We Will Accept A Reasonable Offer On This Machine!

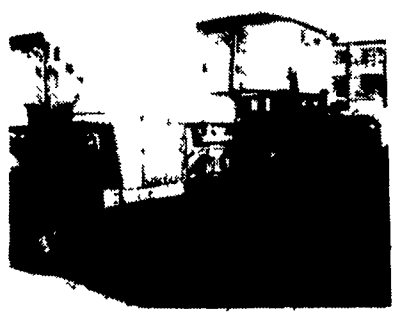
John Bean 500 Gal., 35 Gal. Pump TRAILER SPRAYER
With Meyers Engine Powered with Rotary Head
Call 215-767-2234 For This One

BARGAIN HUNTER SPECIALS

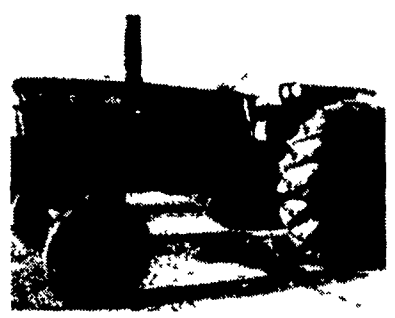
Track Down BIG BUYS On Parts And Used Equipment



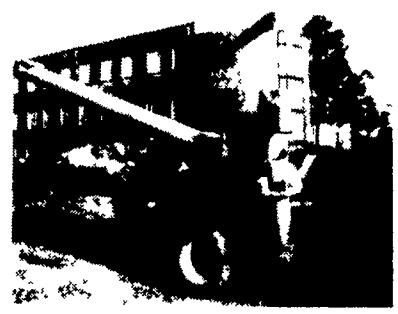
JD 5440 Harvester With 3R Narrow Corn Head and Hay Pickup Approx. 1000 Hrs. Almost New Knives
$48,000.00



JD 4040 Quad Range 90 HP - Low Hours
$21,500.00

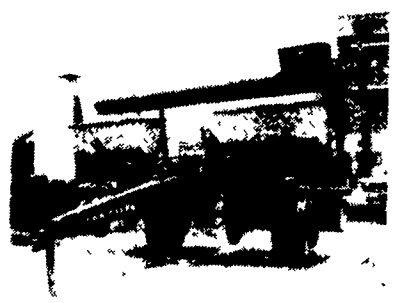


JD 4520 123 HP
$10,500.00

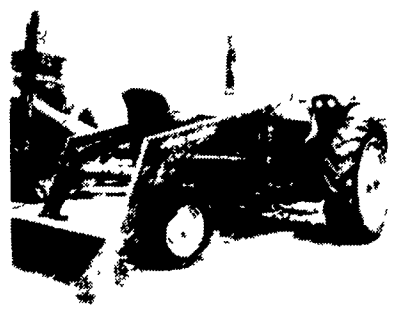


NH 352 Grinder Mixer 80 Bu. Tank
$2850.00

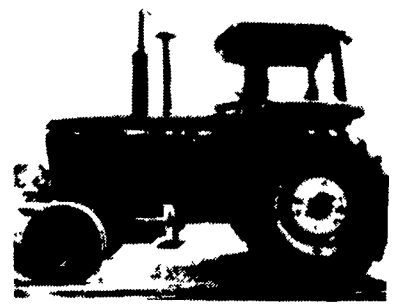
NH 489 Haybine 9 ft.
$5200.00



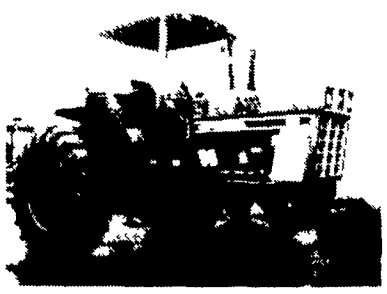
JD 7000 4RN Dry Fertilizer, Monitor, Coulters, Auger Fill
$5950.00



JD 2510 Gas 53 H.P. With 47 Loader
$5800.00

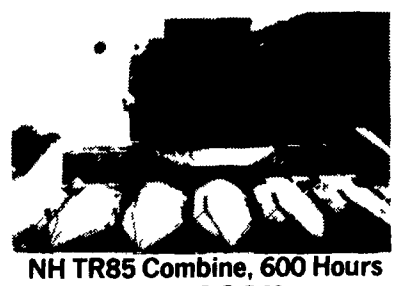


JD 4440 130 HP Quad Frange, 1500 Hours
$24,800.00

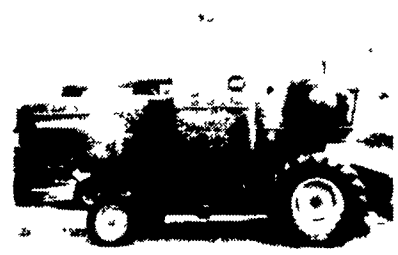


IH 886 - 86 H.P. One Owner, Excellent 950 Hours
$14,500.00
Waiver Of Finance Until July 1, 1984

JD 7000 Conservation 6 Row Narrow w/Liquid Fertilizer, Insecticide, Monitor, No Markers
$7500.00



NH TR85 Combine, 600 Hours
$35,000.00
NH 962N6 Corn Head
$10,500.00
8.9% Financing Available Until May 31 - Other Corn Heads and Grain Platforms Available



MF 410 Combine 6 Cyl. Gas, 73 Bu. Grain Tank with MF 1486 Grain Platform 13 Ft.
$9500.00

TRACTORS

JD **1630** 50 HP with Cab, Radials **$7500.00**
JD **2030** 60 HP **$7500.00**
JD **2130** 65 HP **$7500.00**
JD **3140** 80 HP with Cab **$14,000.00**
JD **3130** 80 HP with Hydraulic Front Wheel Drive, Cab **$11,500.00**
JD **4230** 100 HP Quad Range, SGB **$14,500.00**
JD **3130** 80 HP **$9500.00**
JD A - $350.00 As Is
MF 85 Tractors 60 HP Diesel With MF Loader **$1600.00 As Is**
Mitsubishi Stallion S-750D Diesel 33 HP With Front End Loader **$6500.00**
JD B Tractor **$1000.00**
MF 255 Diesel low hrs 50 HP, Price Reduction **$9850.00**
Farmall A - $1900.00
IH 1066 125 HP w/new TA and Clutch **$13,500.00**
JD **2140** 75 HP Turbo with Cab, Radials Hi-lo Shift **$11,500.00**

SPRAYERS

George White 310 Gal w/35 ft Boom **$2200.00**

COMBINES & ATTACHMENTS

JD **3300** Diesel with 343, 3 Row Narrow Corn Head **$25,700.00**
NH **960** 13 Ft Grain Platform **$2850.00**
NH **960** 13 Ft Grain Platform **$3600.00**
NH 962N6 Corn Head **$9500.00**
NH 962N4 Corn Head **$4600.00**
NI 710 Uni System Combine with NI 711 Grain Platform **$3500.00**
NH 975 Combine **$6500.00**
NH 962 N4 Corn Head - **$4600.00**
JD **343** Corn Head **$4000.00**

PLANTERS & DRILLS

MF 468 Corn Planter 4 Row **$850.00**
JD **1240** Plateless Planter **$1700.00**
JD **1240** Plateless Planter **$1650.00**
IH 56 Corn Planter **$1350.00**
JD **7000** Regular 6 Row Narrow w/Dry Fertilizer, Monitor, Insecticide **$7700.00**
JD 18 x 7 Grain Drill **$2100.00**
JD **7000** Conservation 6 RN w/Liquid Fertilizer, Insecticide **$7500.00**
Twin Row Tobacco Planter **$425.00**
JD FBB 15x7 Grain Drill w/Fertilizer & New Grass Seed Attachment **$1800.00**
JD **1240** Planter 4 Row **$1250.00**
JD **1240** Plateless Planter **$1600.00**
IH 400 Corn Planter 6 RN **$3500.00**

CORN PICKERS

NI 325 Picker Sheller, 2 Row Narrow **$3800.00**
IH 1 PR 1 Row **$1000.00**
NI 311 2 Row w/313 Husker **$4800.00**
NI 7 1 Row **$550.00**
IH 2 PR 2 Row Wide **$2450.00**
NI 323 1 Row **$2000.00**

FORAGE BLOWERS

JD 66 - $1500.00
JD 6500 - $1250.00
JD 65 - $800.00
JD 6500 - $895.00
KB 54 Kools **$1250.00**
Ford 618 - $335.00 As Is
Kools Blower **$975.00**

HARVESTERS & ATTACHMENTS

NH 717R1 Corn Head **$450.00**
NH 880 Harvester **$3450.00**
NH 717R2 Corn Head **$650.00**
NH 707 3 pt Harvester **$2050.00**
NH 717R2 Corn Head **$750.00**
NH 822 Corn Head **$2000.00**
NH 880R2 Corn Head **$1300.00**
Fox 728 2 Row Corn Head **$500.00**
NH 770R2 Corn Head **$650.00**
NH 717R1 Corn Head **$350.00**
NH 722 Corn Head **$1595.00**
NH 822 Corn Head **$2200.00**
NH 880N3 Corn Head **$1250.00**
NH 822 Corn Head **$1600.00**
JD 1 Row Row Corn Head **$650.00**
NH 707 3 pt Harvester **$1500.00**
NH 718 Harvester **$3750.00**
NH 717R2 Corn **$685.00**
NH 707W Hay Head (New) **$750.00**
NH S717 Harvester - **$2650.00**
JD 35 Harvester **$1250.00**
NH 718 Harvester - **$3200.00**
NH 717W Hay Pickup - **$850.00**
NH 892 Harvester with Auger Base 3 Row Narrow Crop Attachment and Hay Head **$18,500.00**
NH 880N2 Corn Head $1400.00
NH 890 Forage Harvester **$4200.00**
NH 770 Harvester with 717W Hay Head **$4500.00**

BALERS

NH 273 Engine Baler **$4550.00**
NH 273 Engine Baler **$3850.00**
JD 24T Baler **$1500.00**
NH 273 Engine Baler **$4150.00**
Owatonna 540 Hay Stacker **$2450.00**
Owatonna Stack Mower **$1250.00**
NH 275 Engine Baler **$3400 00**
JD 24T Engine Baler **$800.00**
NH 68 Baler **$1050.00**
NH 271 Engine Baler **$2200 00**

TILLAGE

JD **45** 2 Bottom Plow 14", Demo **$975.00**
JD 4 Bottom Plow **$695.00**
Glencoe SSP-7 Soil Saver **$3450.00**
IH **55** Chisel Plow 10 Tooth, Pull type with leveler **$1775 00**
IH **55** Consertill 9 Tooth Chisel Disk **$3600.00**
Pittsburg 2 Bottom, Trip, 16", Plow **$595.00**
JD 1 Bottom Trailer Plow **$135.00**
JD **1** Bottom Plow for M Tractor **$125.00**
Oliver 4 Bottom Trip Plow Can Convert to 3 Bottom 14" Bottom - **$695.00**
JD **950** Roller Harrow 12 ft **$2600.00**
JD AW Disk **$1250.00**
JD 125 4 Bottom Plow **$1600.00**
Case 3 Bottom Plow **$550.00**
MF 520 Disk Harrow 14 ft **$3850.00**

SPREADERS

NH 513 177 Bu **$2350.00**
NH S676 Spreader **$3000.00**
NI 218 w/Hyd Endgate, Upper Beater **$3650.00**
NH 346 Flail Tank Spreader, 852 Gal **$650.00**
NH 516T 205 Bushel Spreader **$1500.00**
Fertilizer Spin Spreader **$350.00**
JD 54 Spreader 230 Bu **$1350.00**
NI 214 210 Bushel **$700.00 As Is**

SKID STEER LOADERS

IH 4140 40 HP Diesel **$7850.00**
IH 4140 40 HP Diesel **$7800.00**
Owatonna 1700 Diesel **$4600.00**
NH L-775 50 HP Diesel **$17,000 00**

MOWERS & MOWER CONDITIONERS

NH 489 Haybine **$5500.00**
NH 469 Haybine **$2200.00**
Mott 6 ft Flail Mower **$1350.00**
NH 456 Trailer Mower 7 ft **Just Arrived**
JD **1209** Mower Conditioner 9 ft **$2700.00**
IH **990** Mower Conditioner, 9 ft **$1600.00**
Oliver Trailer Mower **$425.00**
NH 489 Haybine, 9 ft, like new **$7200.00**
JD **800** Self Propelled Windrower **$2000.00**
NH 1469 Self Propelled 9 ft Haybine **$6250.00**
JD 25A Flail Mower **$1100.00**
JD **350** 3 Point, 7 ft Sicklebar Mower **$1350.00**
Ford 501 3 Point, 7 ft Sicklebar Mower **$550.00**
NH 495 Haybine 12 ft With End Transport **Call For Price - Just Arrived**

RAKES & TEDDERS

IH 14 Rake **$1050.00**
Ford 5 Bar Rake **$700.00**

GRINDER MIXERS

IH **1150** 105 Bu Tank 20" Mill **$3850.00**

WAGONS & RUNNING GEAR

JD **1075** 10 Ton, Never Used **$2000.00**
Stoltzfus 16' Bale Box **$650.00**
Killbros 12 ton Running Gear **$1200.00.**
NH #8 Forage Box w/Steel Sides **$3100.00**
(2) JD **716A** Forage Boxes 3 Beaters w/JD 1275 Running Gear No Roofs **$6000 00 ea**

AVCO NEW IDEA · SPERRY NEW HOLLAND · JOHN DEERE

ABC GROFF, INC.

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Thurs Fri 7-9
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Sales 717 354-4731
Service 717 354 8004

Since 1890
110 S Railroad Ave
New Holland PA 17557

OPEN THURSDAY AND FRIDAY UNTIL 9 P.M.

Visa · master charge

OUR TRUCKS ARE RADIO CONTROLLED

FARM EQUIPMENT

TRACTORS
Ford 3400 w/loader
Ford CL 40 Skid Loader
Ford 6700 w/canopy
Ford 5000 dual power
Ford 4000 D LPTO
Ford 3000 G Gas & Diesel
IH SC w/fast hitch
AC D15 3 pt.
David Brown 1200
Case VAC 3 pt.
JD 4010 WFE
JD 2640 w/canopy
JD 520 3 pt., PS
JD 60 PS, LPTO
JD 4400 G Combine
MF 175 D 8 speed
MF 235 G PS
MF 33 Grain Drill
Ontario Grain Drill
NI Hay Rake
Oliver Hay Rake
Ford 6 Bottom
Ford 309 Planter
NI 206 Spreader
NH 216 Spreader

KELLER'S FARM MACHINERY, INC.
116 Richlandtown Pike
Quakertown, PA 18951
215-536-4046

WHITE FARM EQUIPMENT

NEW EQUIPMENT
WHITE -
2-75 Tractor
2-110 Tractor w/cab
2-135 Tractor w/cab
255 Disk Harrow
225 Field Cult., 19'
5100 Seed Boss 4-Row Planter
435 Conservation Chisel Plow

GEHL-
BU 960 For. Box
FB 99 Blower
FB 1580 Blower
MC 2160 Mower Conditioner
CB 1000 Harvester with HA 1100 Pickup
RB 1460 Round Baler

AVCO NEW IDEA

NEW IDEA-
406 Rake
507 Mower Conditioner
509 Mower Conditioner

KUHN-
10' Gyro Star 3 Pt. Tedder & Rake

USED EQUIPMENT
White 5400 4-Row Planter
Reconditioned 214 w/217 Spreader
Danco 14' Forage Box w/Roof
Farmall M Tractor

MILLER EQUIPMENT CO.
RD 1 Bechtelsville, PA
215-845-2911

USED TRACTOR SPECIALS

Stock #	Description	PRICE
• 13000	4440 JD	$27,500
• 13150	8600 Ford w/Cab	$11,900
• 13630	8600 Ford w/Canopy	$9,500
• 13227	900 Ford S.O.S.	1,495
• 13840	900 Ford 5 Speed	$1,950
• 13790	8N Ford, Nice Shape	$2,430
• 13844	9N Ford	$1,675
• 13438	4500 Industrial Loader	$5,995
• 13713	3400 Industrial Loader, As Is	$3,495
• 13954	5000 Ford	$6,900
• 13001	986 IH	$16,000

KELLER BROS. TRACTOR CO.
SINCE 1921
717-949-6501
Rt 419 Between Schaefferstown & Cornwall, Lebanon County

USED EQUIPMENT SPECIAL BUYS
JD 317 Mower, Snow Blade, Power Angle w/Hitch and chains. Low Hours. A Real Sharp Tractor and Deal $3,995
Case 1410 Power Shift Good used Tractor Not Beat Up $7,000

HOLTRY'S EQUIPMENT SALES & SERVICE
Rt. 641
Roxbury, PA 17251
717/532-7261

VERMEER · HEDLUND MARTIN INC. · Vicon

NEW EQUIPMENT
- Vermeer 605H Baler
- Vermeer HL12 Bale Mover
- Vermeer 107 No Til Grain Drill
- (5) Scranton Round Bale Feeders
- (1) Hedlund Martin 1263 Scavenger II Spreader
- (1) Vicon 230 Gal. 3 pt. Hitch Sprayer with 35 ft. Booms
- (1) Vicon 108 Gal. 3 pt. Hitch Sprayer with 21 ft. Booms
- (1) Vicon 950 lb. Spreader
- (1) Vicon 15' Power Harrow
- (2) Vicon RP 1210 Round Balers
- (1) Vicon SP 450 Square Baler w/Thrower
- (1) Vicon 460 Square Baler w/Thrower
- (2) Vicon 8' Mower Conditioners
- (1) Vicon 11' Mower Conditioner
- (1) Vicon 5½' Mower

USED EQUIPMENT
- Haybuster 1068 Semi-Mounted No-Till Drill
- Vicon 10' Power Harrow
- 650 lb New Idea Fertilizer Spreader, 3 pt
- New Idea Manure Spreader w/Hyd End Gate

RED WING FARMS
R D #1, FLEETWOOD, PA. 19522
NEW PHONE NUMBER: 215-944-0402

FARM EQUIPMENT

For Sale - Fox Super Diesel, self propelled forage harvester w/3 row corn head; 3 Gehl forage wagons; IH 6 row air planter; MF 65 Tractor w/industrial loader. All in good condition. Call 301-348-5011.

FARM EQUIPMENT

For Sale - 560 Farmall Tractor, $2,000. 717-442-8020.

Massey Harris #35 self-propelled combine, 7' Hume reel, excellent condition, shed kept. 717-677-7245, 717-677-6224.

FARM EQUIPMENT

4 Head Block V Belt drive saw mill diesel power complete. Phone 717-582-8188.

For Sale - Badger BN184 Super Trail manure pump, excellent condition. Cumberland County. 717-776-7895.

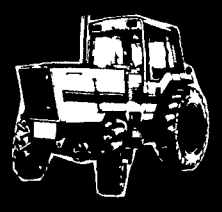
FARM EQUIPMENT

JD 3800 Harvester w/2 RN cornhead & pickup. 717-393-4732.

Bulk feed bin, 10.7 ton Brock bin. Assembled. Used 2 months, $1,500 firm. 717-243-2233 or 258-3681 after 5 PM.

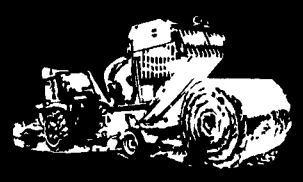
"Starvin' Marvin" Says

A Short Cut is the longest distance between two points. Don't take a short cut when you buy. Call us. We've got your best deal.



IH 3088 90 H.P.
18.4x38 Tires
~~$23,700~~ $23,200

2400 HI CAPACITY ROUND BALER

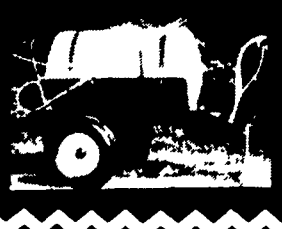


$8,275 CASH

NEW IH TRACTORS AND EQUIPMENT

3688 Cab, Air	$35,000
56 Blower	$2,550
1300 3 Pt. 7' Sickle Bar Mower	$2,100
881 Forage Harvester w/Grass & Corn Head	$15,900
5500 7 Tooth High Clear Chisel Plow	$1,900
4500 12'5" Vibra Shank Field Cultivator	$2,500
450 3-16 Reset Plow	$3,500
720 5-18 Reset Plow, Trash Plates	$7,995
560 Manure Spreader, 289 Cu. Ft. Capacity	$5,500
5100 16x7 Plain Grain Drill w/grass seed	$4,000
8'x16' Bale Wagon w/Running Gear, New Tires	$1,900
#10 Flail Chopper	$5,500

RED HOT SPECIAL
Left-Over New Sprayer



CAGLE 300 GALLON with MIX N FILL TANK SHAFT DRIVE PUMP
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MUST MOVE
IH 1066 BLACK STRIP TRACTOR
With Cab, 76 Model 130 H P
Very, Very, Very Clean
$15,200
We'll give top Dollar on a trade

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IH 400 6 Row Air Planter, No Till Coulters, new Double Disk Openers, Insecticide	$3,000
AC 4 Row Narrow Air Planter, No-Til Monitor, Insecticide, Markers	$4,000
IH 400 4 Row Air Planter, No-Til Coulters, Insecticide	$2,250

LOCAL GROWN USED TRACTORS & EQUIPMENT
Waiver Til 9/1/84 Available on Used Tractors

IH 886 90 H P Cab w/Air	$17,500	JD 345 4-16 Semi-Mount Plow Hyd Reset, Excellent	$3,000
IH 1066 Black Strip Cab, Low Hours	$15,200	IH 700 5-16 Semi-Mount Auto Reset Plow, Can Convert To 4 Bottom, Good Cond	$2,650
IH 1256 w/20 8x38 Rubber	Call	IH 710 3-16 Semi-Mount Auto Reset Plow	$2,750
JD 2010 Diesel Utility, Excellent Rubber, Excellent Condition	Call	IH 37 Baler w/Thrower, 1 Owner Guar	$1,700
IH 2 Row Cultivator for F230, 240	$250	IH 990 Mower Conditioners, 9 Ft Cut	$2200
Papec Forage Blower	$650	Gleaner M 1974 Diesel Combine, Cab, 4 Row Corn Head, 13' Platform w/Pickup Reel	$16,900
IH 56 Forage Blower, New Ring	$1,575	D R Ellis 2 Row Transplanter	Call
AC Forage Blower	$400	2 - Papec Forage Boxes on 10 Ton Gears, 3 Beaters w/Roof, Late Models Excellent	$2,300 ea.
500 Gal Walsh Trailer Boom Sprayer	$1,000		
NH 880 Harvester w/Corn Head	$3,000		
IH 530 Manure Spreader 145 Bu	$1,500		
JD 54 Manure Spreader w/Hyd Endgate	$1,750		
IH 350 Tandem Disk Harrow 10'3", excellent	$2,250		

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AC 7040D	AC 440	AC CA	IH 806	Case 1490
AC 7045D	AC XT190D	AC 5040D	IH 340	JD 450 Crawler
AC 7050D	AC 180D	AC 5050D	IH 140	Case 450
AC 7020D	AC 175D	AC D19D	JD 2010	Oliver 1650D
AC 7010D	AC 7000D	AC D14	MF 65G	

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New and Used Miller Discs and AC Discs	371 Bobcat Skid Loader
14T J.D. baler and engine	Thomas Skid Loader
Farmhand grinder & blower	MC 600 Grain Dryer
610 Bobcat Skid Loader	65' 8" Transport Auger
630 Bobcat Skid Loader	AC L, M, F, G&A Combines
721 Bobcat Skid Loader	Uni Harvester 708 & 702
1000 OMC Skid Loader	708 w/combine

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FARM EQUIPMENT

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- JD 8630, cab and air, factory cast duals, 3 outlets, 3 pt. hitch & PTO.
- JD 4030 w/sound gard, cab & air, 18.4x38 rubber, fully equipped, nice
- JD 4000 Diesel, wide front, year round cab, fully equipped
- JD 4430 w/sound gard, cab & air, fully equipped
- JD 4430 sound gard, cab & air, very nice
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- JD 730 Diesel w/3 pt. and fenders
- JD 730 gas w/wide front and 3 pt.
- JD 1530 Diesel
- JD 4320 w/factory cab, wide front, 3 pt.
- Quick attach loader for JD utility tractors
- Oliver 1950 T w/over & under
- IH 1086, cab, air, fully equipped, 79 model w/low hours.
- IH 1456 w/factory cab, dual PTO's and hydraulics, sharp
- IH 1256 wide front, 3 pt., dual PTO's
- IH 1256 w/complete engine overhaul
- IH 1066 w/factory red cab & air, new TA & clutch, dual PTO & hydraulics
- IH 806 WF, 3 pt., new paint
- IH 1066 w/cab and air, good solid tractor
- IH 656 Diesel, WF, 3 pt.
- AC 5050 diesel, 79 model, 1 owner
- MF 1080 w/multipower, dual remotes, 16.9x38 rubber
- MF 285 Diesel, fu SOLD ipped - weights
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- NI 703 in line 6 cylinder gas w/heavy front end rear axle
- NI 717 combine
- NI 729A Sheller
- NI 737 husker, one like new
- NI 727 husker, very nice
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- NI 730 4 row wide corn head
- NI 735 3 row narrow corn head
- NI 725 3 row narrow corn head
- Gehl 3000 skid steer loader
- NH Super 23 Blower
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- Cab to fit JD 3010 through 4020
- Factory cab for 701 and 702 Uni
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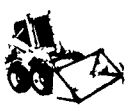
NH 1895 SP FORAGE HARVESTER
Cab & Air,
Cat Power Unit
12 Double Edge
Underbeveled Knives, Metal detector base unit with 3 Row Low Profile Head And 880 Pickup head $29,950



NH L-325 Skid Steer Loader w/54" bucket
$5,975

Ford 3 pt. 7' Mower $395
Gehl 99 Blower 3 yrs.old . . . $1580
OMC Mustang Skid Loader . . . $2,580
NH 67 Baler $750
518 Manure Spreader $1975
NH 362 4 Ton Flail Spreader . . $1075
Hawk Bilt 590 Gal Tank Spreader $1250
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7', 9', 12' Haybines 474, 488, 489, 495
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FARM EQUIPMENT

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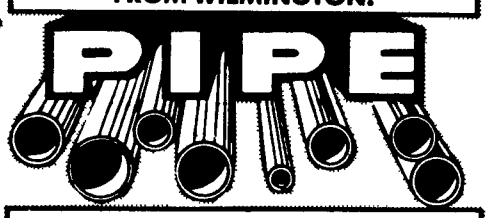

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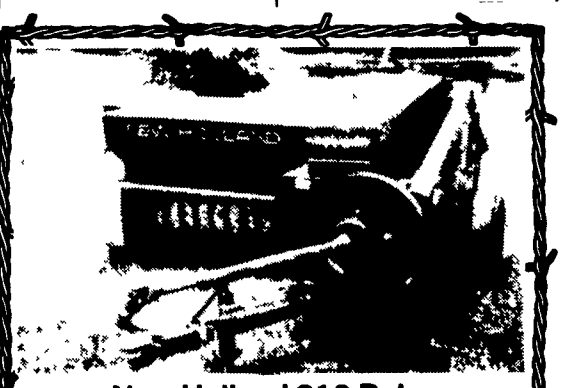

New Holland 310 Baler (1980 yr.) like new, baled less 1000 bales
$3000
Curry Supply Co.
Curryville, PA
814-793-2829

JD 4630 Tractor
JD 4430 Tractor w/roll guard
JD 4430 Tractor w/Row Crop Fenders
JD 4020 Side Console, WF
JD 4010 w/WF
JD 4010 Tractor w/year round cab
JD 2640 Tractor
JD 650 Tractor
JD 2840 Tractor w/year round cab
MF 135 Tractor
MF 65
Oliver 1950 Tractor
JD 7000 6R Consv. Planter w/Liquid Fert.
JD 7000 4R Consv. Planter w/liq. fert.
JD 1240 4R Plateless Corn Planter
NI 325 2R Picker Sheller
NI 323 1 Row Corn Picker
JD 3800 Chopper w/2R corn head
JD 110 Disc
JD B Plane 15 Disc Grain Drill
NH Self-propelled Windrower
JD Kilafor offset Disc
Taylorway offset Disc
JD FB Grain Drill
John Blue 400 gal. Applicator
John Blue 1000 gal. Nurse Tank
JD 4400 Combine w/Platform & C.H.
JD 7700 Combine
JD 7700 Combine w/643 Corn Head & Platform
Gleaner A Combine
JD 244 Corn Head
NI 279 Cut/ditioner
JD 10' Pull Type Chisel Plow
JD 1450 4B Plow
JD F145 5B Plow
IH 5B Plow
IH 6B Plow
JD 4440 SGB
JD 2 Bottom Plow
NH Rake
Used Hay Wagon

ENFIELD EQUIPMENT INC.
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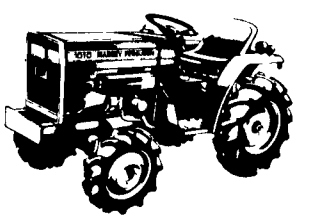

9.9% Financing

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MF 240 8 spd Tractor
MF 250 Tractor
MF 1144 Corn Head
MF 1163 Corn Head
MF 13' Grain Head
MF 224 Baler
MF 212 Bale Thrower
MF 860 diesel Combine, Hydro
Rakes
Forage Wagon
Mower Conditioners
MF 4 Row Cultivator

Conde Vacuum Pump $1,000

USED EQUIPMENT

MF 510 Combine
MF 760 Combine w/6 row Corn Head & 16' Grain Table
MF 750 Combine w/63C Corn Head & 14' Grain Table
MF 750 Combine w/13 ft. Grain Heads
MF 285 Diesel Tractor w/cab
Ford 6000 Tractor
Ford 1500, 4WD Tractor
JD 6 Row Cultivator

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John Deere 40, mid mtd. cultivators, 3 pt. hitch, standard PTO, hyd. lift, Good Condition.
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Call Charlie
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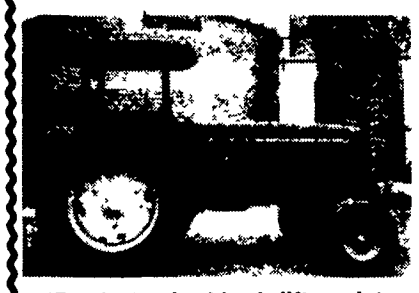
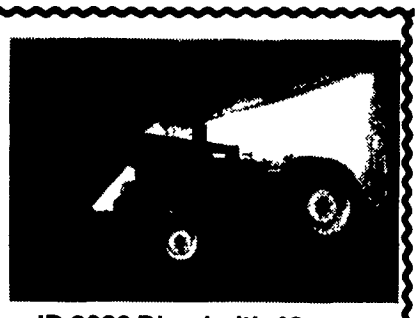
Lancaster Co.

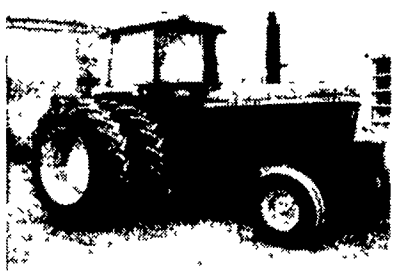
FARM EQUIPMENT



JD 4230 - dual hyd.-lift assist - field ready -$9800.

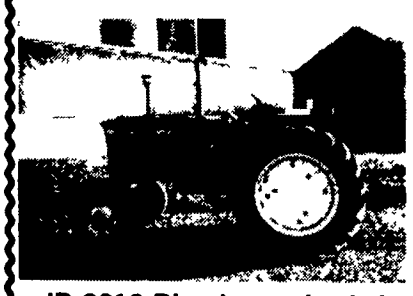


JD 2020 Diesel with 48 loader new clutch and paint - nice outfit - $6900

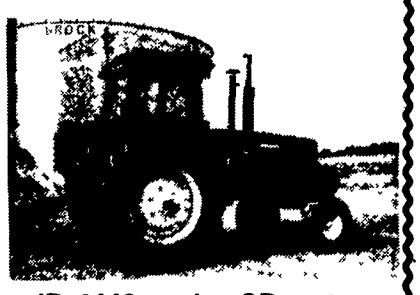


JD 4430 cab - new tires - duals - wts. - low hours - like new - $14,900

Just Arrived
JD 2040, Late Model,
Only 700 Hrs.
Like New
$8900



JD 3010 Diesel - overhauled - new paint - dual hyd. - perfect - $5900.



JD 4440 - cab - QR - wts. - new 20-38 tires - extra sharp - $22,500

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Case | GEHL / HESSTON FARM EQUIPMENT | SAME

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IH 1086 TRACTOR 1978 Model — $15,000	**MASSEY FERGUSON 2135** With Loader — $5,900
GEHL 600 FOR. HARV. With 2-Row Narrow Cornhead — $2,695	**FARMALL H TRACTOR** Very Clean — $1,150
VICON KM-240 $7,000	**IH 205 COMBINE** Air Cond., Cab, 13' Grainhead, 3 R Narrow CH — $6,995
MF 410 COMBINE Air Cond. Cab, 13' Grainhead — $9,200	**HESSTON STAKHAND 10** Good & Clean — $3,500
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FARM EQUIPMENT

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Skid Loaders:
Case 1830
4400 Gehl
Owatonna 1700

Forage Boxes:
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Kasen
Badger

JD Forage Harvester
Brillion 14' Field Cultivator
OMC Stacker
Vicon Wheel Rakes
Vicon Hay Maker
Gehl 99 Blower
Hesston 310 SP Conditioner
5' Rotary Mower, $495
Gehl 95 Mixer

NEW EQUIPMENT SPECIALS

Bush Hog:
9 shank Soil Hog — $5795
3 pt. 8' Chisel — $1875
Glenco:
3 pt. 5' Chisel — $1095
12½' Field Cult. — $2395
7 shank Soil Saver — $5795

Hay Equipment
Vicon wheel rakes 4 & 5 wheel, 3 pt.; 6 wheel pull type; V style 8 wheel
Vicon Disk/ Conditioner
Gehl model 1450 baler
Gehl 1850 Baler
Gehl 1250 Harvester
Gehl 99 Blowers

USED TRACTORS

AC 185
AC D14
AC 170
Ford Tractor w/Loader
AC 7040 Cab P.D. d Trans.
AC 6060
JD 2030

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750 MF w/14' platform and 1163 corn head
750 MF w/14' platform
6620 JD level land w/13' head, 1 yr. old.
New 4420 combine
New 6620 side hill combine
Used 443 corn head, late style
Used 444 corn head, very good
Waiver on New & Used

GREEN VALUE EQUIPMENT

USED TRACTORS

JD 50
9N Ford
MF 65 tractor, good condition
15 HP Satoh Beaver diesel, 4WD, $2,900
04 International Harvestor - collector item, $1,100
(3) JD B tractors, all nice, $1,000 each.
Farmall C w/mower, plow and front blade

TILLAGE - Reduced

JD 145 plow, 5 btm. 16", exc., $2,500
JD 1250 4 btm., 16" integral $1,200
JD 145 4 btm., 16", very good
Case 4 btm., 16", semi-mounted, $950
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JD 12' drag harrow, $525, good
18' transport harrow
MF 3-14" mounted plow
JD 2 btm. trail plow
JD BWA disk harrow 12'
JD 125 4-16 mtd. $795
JD 2 btm. mounted plow

DRILLS & PLANTERS

IH 56 4 row insecticide, nice, reduced to $1,300
JD 494A 4 row
4 Row Oliver-White 540 planter, dry insect. disk
JD 17x7 FB drill, very good
JD 246 3 pt. hitch planter

HAY & FORAGE

NI forage blower $795
IH 440 baler w/thrower, $3,000
JD 38 forage harvester w/2RC
JD 800 SP windrower, 10', good condition, $2,750
#8 Model NH Forage Wagon w/8 ton running gear w/3rd beater & roof
JD 16A flail chopper, very good
JD 10 side mount mower 7'
NH 616 Harvester w/2 heads
Ford 3 pt. hitch mower
IH 110 forage wagon
NI wheel rake
JD 483 mower conditioner

SPREADERS

(2) 512 NH w/hyd. End Gate
NH Tank Spreader, $950

MISCELLANEOUS

JD 227 picker for parts
96" bucket for 145, 146, 148, 158 loader
NH Pull type fertilizer spreader, $395
Manure Forks, fits skid steer loader

FARM EQUIPMENT

FOR SALE

Complete grain drying and storage system or will sell separately
1 24,000 bushel bin
1 16,000 bushel bin
1 18,000 bushel bin
1 Ideal dirt bin
1 AS 600 Super B grain dryer - 3 phase
1 Model 3000 MD bucket elevator with cleaner
3 phase converter
1978-79 John Deere 6600 Sidehill Combine 1500 hrs. 6 row narrow corn head, 15' grain head

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Dismantling Combines for parts over 285 all makes and models. Call before you come.

IH 64, 76, 80, 82, 125, 127, 141, 101, 151, 91, 93, 203, 303, 403, 503, 205, 315 & 815, NH 985, JD 12 A, 25, 30, 40, 45, 55, 95, 105. AC 60, 66, Gleaner A, C, CII, E or L. MF Clipper, 26, 27, 70, 80, 90, 72, 82, 92, 35, 300, 410 & 510. Oliver 33, 35, 40, 430, 525 & 545. Ford SP & pull. 701 NI Uni tractor, NI Uni - 705D (ear corn unit), combine & shellers, Case 800 & 660, 600, MM 5297.

COMBINES

AC Gleaner G w/4 row corn, $6,950
AC Gleaner C 4 row corn & 12' grain, $3950
AC 66 Pull type PTO, nice
IH 101, 10' grain.
IH 82 pull type, auger feed
MF 300 12' grain & 3 row 30' corn head
IH 91 w/grain head
IH 503 Diesel, cab and grain & corn head
Massey 70 w/10' grain
IH 203 grain head
E Gleaner, cab & 10' head
C2 Gleaner cab, grain & corn heads, motor overhauled, all new bearings on combine front to back end last fall.
IH 915 D, cab, grain & corn heads
IH 403, cab & 13' head
JD 4400, cab & head
C2 Gleaner w/2 heads
NH 985 cab with quick-tach grain head
MF 300, cab, 13' grain head SOLD 2 row corn head, $3500
JD 6600 cab & grain head
Massey 72 w/10' grain head

TRACTORS

400 Gas Tractor
Farmall SOLD tivator
JD 3010 gas, $2875
IH 1256 3 pt., wide front, $6500
3 Farmall H w/hyd. from $700 to $875
BN Farmall w/mower, $885
MF 2745 cab duals, 1200 hrs., $15,500
White 2-105 roll guard, $9500
Case 1370, 165 HP, as is, $6950
IH C w/ SOLD tor
AC C w/side mounted mowers & cultivators w/hydraulic

MISC.

Ford rotary cutter $350
MF rotary hoe, 6 row, 3 pt.
JD roll-a-bar rake
NI 9' haybine, nice
IH Cub spreader, $300
1 & 2 row corn pickers
All steel farm dump trailer holds about 500 Du-of corn
NI 213 spreader w/new drag chain & sides, $1275
Hawk Bilt tank spreader, $575
Corn & grain heads, IH 12' off 815 combine
NH 13' grain head
JD 40 8' grain head
Gleaner K 2 row corn head
IH 227 corn head
IH 733 3 row, 30" off of 815
MF 3 row 30" for a 300 or 410
AC 720 harvester, 2 row, pick-up head
MF 13' grain for 300
AC 3 row 30" for E&K
JD #8 mower
IH 7' mower
JD 35 1 row head

DISMANTLING TRACTORS FOR PARTS
Harvesters and Corn Heads for Parts

JD 2010, 70D, 4010, IH 560 D, IH 660 D, IH F 14, 1256, 340, F30, F-20 A, B, C, H, M, 300, 350, 460, 460 Ut., Supers C, H. & M. JD A, B, 50 & 60, 3010 D. AC WD, WC, D17. Oliver 70 & 77, 88, 60. Ford 8N, Ford 6000D. Case 300, SC & V.A.C., DC. AC 180, AC 190, AC C, CA, MF 1155, Massey 44D, 333, 30, MF 85D, IH 400, MTA, 240, F20, WD D2 Cat crawler. JD 70 G, Oliver crawler, 2 Oliver crawler loaders.

Dismantling 50 pickers for parts
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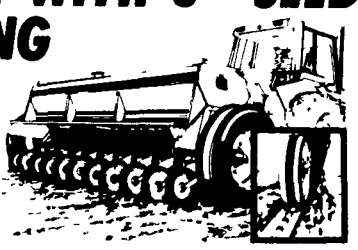
Drill With The International "5100 Special"

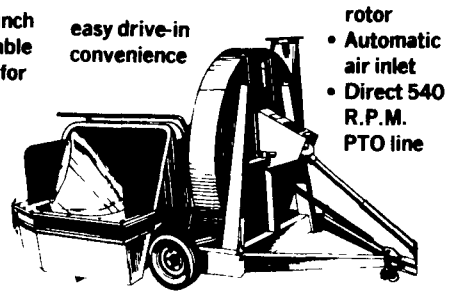


Outstanding accuracy begins with IH feed cups that deliver seed uniformly. Dual rib press wheels then compact the soil around the seed and gently "pat" the top to prevent air holes. Result uniform germination and emergence a start toward higher yields.

IH MODEL 600 FORAGE BLOWER

Capacity to match tall silos

- 30.5 inch extendable hopper for easy drive-in convenience
- 60" diameter rotor
- Automatic air inlet
- Direct 540 R.P.M. PTO line



- Wheels adjust for clearance, leveling and height

ATTENTION FARMERS; If Parts Are Needed After Hours To Keep You Going, Call Jay Gainer, Our Parts Mgr. At Home 367-7926

A GOOD SELECTION OF USED EQUIPMENT

HAY & FORAGE
- IH 56 Blower, HD PTO
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- JD 14T Baler
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- NH #8 Forage Box & 234 Wagon
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- IH 60 Shredder 6 Row
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- IH 990 Mower Conditioner
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AC Gleaner K, 10' platform, 3R narrow cornhead, excellent cond.

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- Pequea Hay Tedder, 9 ft Demo
- Little Giant 40 ft Elevator
- Herd Fertilizer Spreader & Seeder
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- IH 5088, 136 HP, 300 hrs
- IH Cub Lo Boy

TILLAGE
- JD 350 6 Bottom Plow
- IH 440 Plow, 4 Bottom 16" Demo
- IH 700 4 Bottom Auto Reset Plow
- Brillion 14 Ft Transport Harrow
- Glencoe 9 Shank Soil Saver w/New Disc
- Brillion 10 Ft Culti Packer
- IH 350 Disk Harrow, 12 ft, Nice
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- IH 400 Planter 6 or 4 Row
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- NI 214 3 Beater Spreader
- NH 519 Spreader 2 Beaters, Hyd Gate
- NH 516 Spreader
- NH 362 Tank Spreader

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Messick's Invites You To
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New Holland 1900
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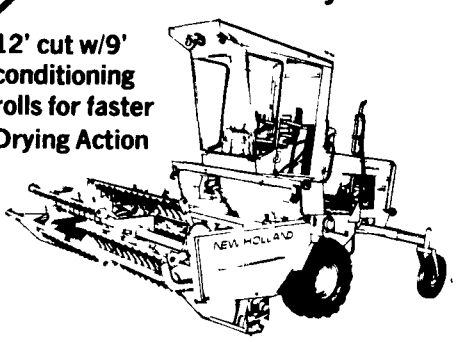
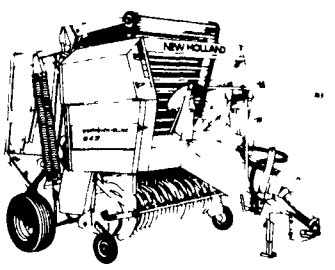
NH 1495 HAYBINE MOWER/CONDITIONER
Diesel Hydro

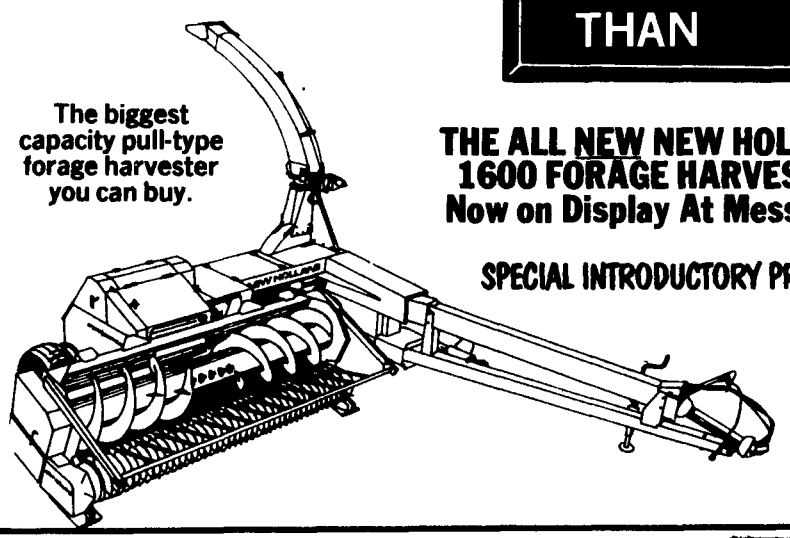
12' cut w/9' conditioning rolls for faster Drying Action





NH 849 ROUND BALER
The '849' turns out solid 4¾'x5' bales that weigh up to 1200 lbs.

The biggest capacity pull-type forage harvester you can buy.



THE ALL NEW NEW HOLLAND 1600 FORAGE HARVESTER
Now on Display At Messick's

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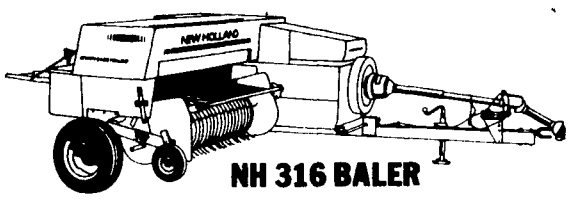
- No tractor too large for this machine.
- Cuts ⅓ the cost over most s.p.
- Available in 3 or 4 Row Heads.



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Built with extra rugged features to handle tough crops.

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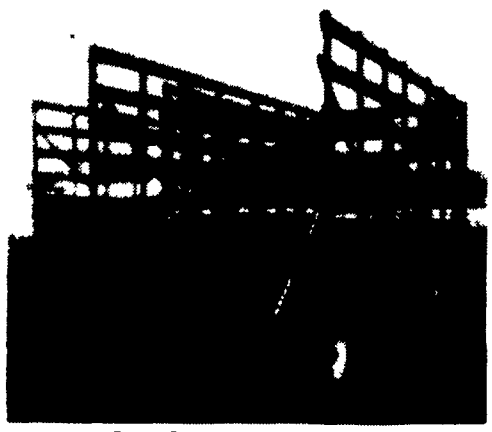

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8 ton gear
Sides well braced
Side Holes - End Gate - Painted

We will also repair your wagon or build on your gear.

Also Hay Racks of Many Styles

Hay Rack and Feed Bunk Combination. Built on skids for easy towing. 8', 12' on stock. Also available trailer type. Less hay waste

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• 32 ft. . . . . $1510 • 36 ft. . . $1740
Available Every 4 Ft. From 28 Ft. to 48 Ft.

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New Idea Rake like new
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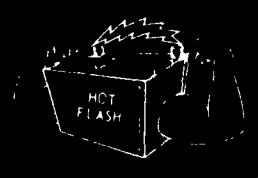

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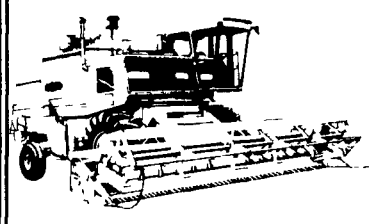

MF 750 Combine Stick Shift New 1979 Cut 1200 Acres
MF 63, 6 Row Corn Head. 30 Inch Rows
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MF 13 Foot Grain Head Pick Up Reel
Ontario 16 Hoe Drill
John Deere 494 Corn Planter
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323 Pickers
325/327 Pickers
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743 N Head
767 Harvester
738 4RN Head
272 CutDitioners
763 Head

SPREADERS
MF 205
NI 206
NI 213
NI 214
NI 218
NI 224
NH 371 Flail

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Martin 2000 Liquid
AC 600 4R Planter
NI 404 Rake
JD 1240 4RN
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High Performance Wagon Running GEARS

McCurdy Running Gears standard features include:

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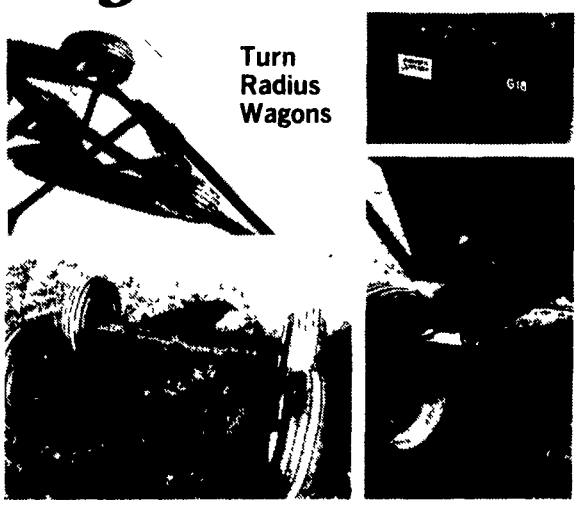

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Top Quality At A Price You Can Afford

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High Performance Gravity Flow FERTILIZER BOXES

McCurdy Fertilizer Box features:
- Durable and dependable
- Heavy gauge steel construction
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SIZES IN STOCK
- 190 BIN
- 230 BIN
- 275 BIN
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Options Available:
- 12", 15", 20" Sides
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McCurdy
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- Before You Buy, Check With Us
- Most Sizes In Stock For Quick Service & Availability
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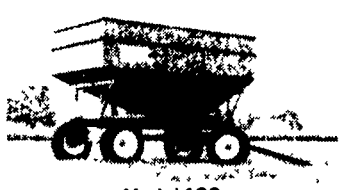
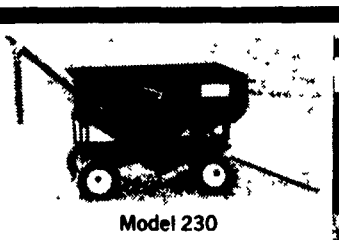
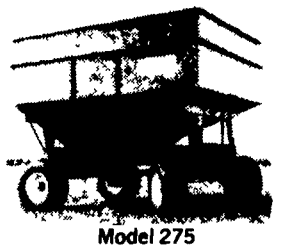
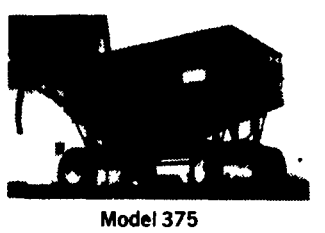

Model 190


Model 230


Model 275


Model 375
Double Door Side Dump

Grain boxes help make your material handling chores easier with convenient transport and fast unloading of grain or other free-flowing materials

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HEAVY DUTY SPEED KING PORTABLE ELEVATORS IN STOCK!

SPEED KING

Engineered for balance one man can move and position elevator even with hopper in tilt up position

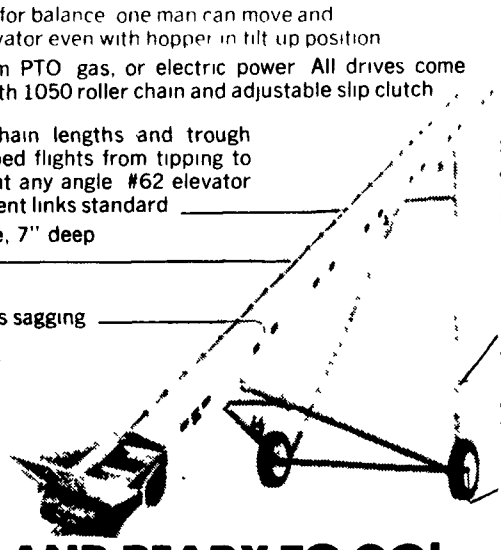
Choose from PTO gas, or electric power All drives come standard with 1050 roller chain and adjustable slip clutch

Center location of attaching chain lengths and trough design prevent galvanized cupped flights from tipping to assure maximum material flow at any angle #62 elevator chain available with C-1 attachment links standard

Galvanized trough is 20½" wide, 7" deep for big capacity

Interlocking joint design prevents sagging

Wide optional tilt-up feed hopper (with patented design) has adjustable springs to provide balance at any elevator angle Tilts up flat over trough for transport



Safety features meet and/or exceed pre scribed industry standards

Ruggedly constructed tubular undercarriage "tucks away" to get in close to bins and cribs for maximum reach

Wheels, with regrease able anti friction bearings, are set far apart for good standability

SIZES SET UP AND READY TO GO!

• 31 Foot • 36 Foot • 46 Foot

SPEED KING UTILITY AUGERS

Motor Mount, Control Sleeve, Safety Cage

- 11' long by 4" diameter $116.00
- 16' long by 4" diameter $141.50
- 12' long by 6" diameter ..... CALL
- 22' long by 6" diameter ..... CALL

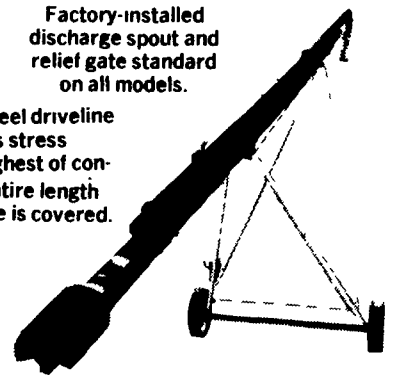
NEW SHIPMENT JUST ARRIVED

Of New Speed King Grain Auger Transports

Factory-installed discharge spout and relief gate standard on all models.

Solid 1" steel driveline withstands stress under toughest of conditions. Entire length of driveline is covered.

Pre-lubricated, sealed gearbox assures you dependable performance



Flex tubes are available optional in 3', 5' and 8' lengths for both 6" and 8" augers Total flexibility allows bending in any direction to funnel flow of grain into hard-to-reach places.

Heavy-duty intake flighting to give added life. Wire screen cage provides protection.

Ruggedly constructed scissor-type undercarriage "tucks away" to get in close to bins for maximum reach Trussed axle arms for strength and stability at any angle

NEW SHIPMENT INCLUDES MANY NEW SIZES.

Call For Your Needs

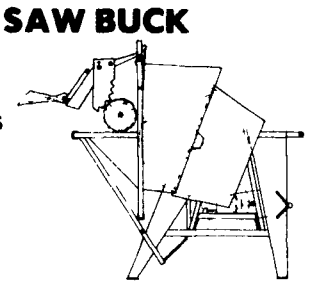
PTO DRIVE W/DOWN SPOUT AND FLEX HOPPER SET UP - READY FOR YOU!

The Best Money Can Buy -

100's of satisfied customers!

SPECIAL NEW 3 PT. HOOKUP SAW BUCK

Most Models Are Priced Over $800

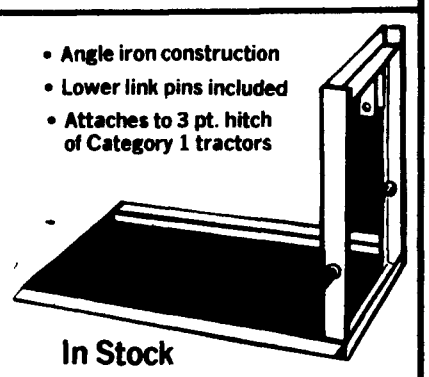


OUR PRICE ONLY $450

CATEGORY I 3 POINT LIFT

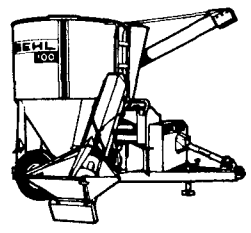
- Angle iron construction
- Lower link pins included
- Attaches to 3 pt. hitch of Category 1 tractors

SPECIAL $45.00



In Stock

SPECIAL! SPECIAL!



OUR NATION'S FARMERS #1 CHOICE

GEHL

Not Only Crop Grinding Season Is Here, But PRICE GRINDING is Here, Too!

HYDRAULIC GEHL MIX-ALLS®

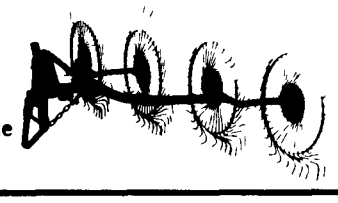
Gehl s Put Good Ideas to Work in a hydraulic grinder mixer for less maintenance easier operation The 100 bushel Mix All unloads as quickly as 3½ minutes Features include the big 21 mill with 66 reversible hammers hydraulically driven in feed attachments with infinite speed control and quick change screens for faster performance and operating convenience Stop by and see the hydraulic 100 Mix All today!

New Gehl 100 in Stock One Only

Serial #9536 At $6961.00

Special Offer On New QUALITY BUILT RAKES

NOTICE: Rake your hay, straw and corn fodder with an inexpensive, 3 pt. Wheel Rake for only $495.00

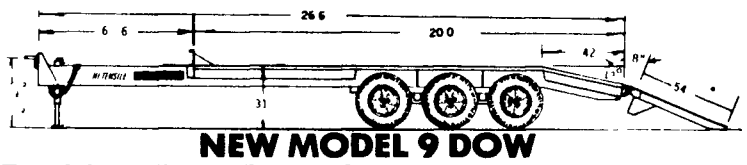


SAVE! SAVE!! SAVE!!!

On New General Eager Beaver Trailers

PRICES YOU CAN AFFORD!

NEW General Eager Beaver Trailers



NEW MODEL 9 DOW

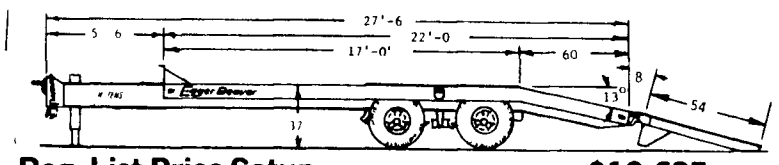
9 Ton, 3 Axle, Electric Brakes, Complete Truck Wiring Harness Kit Including Brake Control

Reg. List Price Setup... $5,500

DISCOUNT SALE OFFER ONLY $3,990

NEW MODEL HA20

20 Ton, Hi-Capacity, Air Brakes, 8.25R15 G Michelin Radial Tires



Reg. List Price Setup $12,695

DISCOUNT SALE OFFER ONLY... $8,950 Plus F.E.T.

ROW CROP CULTIVATORS READY TO WORK!

NEW FARMHAND 4 ROW CULTIVATOR

w/Danish Tines

- Depth Wheel On Each Gang
- Weathered

$1385

BINKLEY & HURST BROS., INC.

133 Rothsville Station Rd., Lititz, PA 17543

Located ½ Mile North of Rothsville

PH: 717-626-4705

Hours: Mon.-Fri. 7 A.M. - 5 P.M.;

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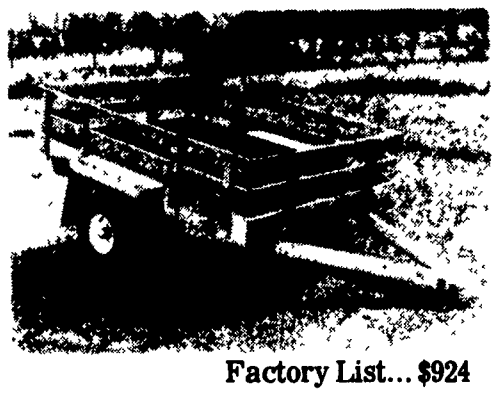
THE PERFECT COMBINATION...

MGS TRAILER PULLED BY THE COMMUTER GRANGER.

The versatility of a pickup at a fraction of the cost found in this economical team.

MGS Trailers IN STOCK NOW!

MGS HANDYMAN TRAILER, MODEL HM-72



51" Wide x 72" Long x 19" High
Carries 1185 Pounds

WITH THE FOLLOWING FINE FEATAURES:

- Tires 5.70x8B
- Full Length Steel Frame
- Stake Pockets
- Color: Beige
- Frame Undercoating to Prevent Rust
- Safety Chains
- A-Frame Tongue
- 1 7/8" Ball Connector
- License Holder and Light
- Reflectors
- Mud Flaps

Factory List... $924

SPECIAL INTRODUCTORY DISCOUNT PRICE ONLY..... $690

ALSO INCLUDED IN PRICE IS THIS OPTIONAL EQUIPMENT:

Sideboards, Spare Tire, Tongue Stand, Bearing Buddies.

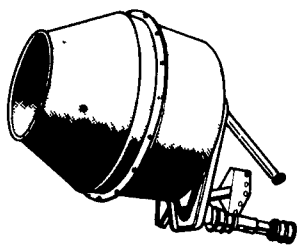
Yes! We Have In Stock Your 3 Pt. Rotary Cutter

SEVERAL DIFFERENT BRANDS AND SIZES IN STOCK

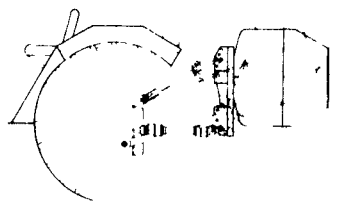
Call Now!

We May Have Just What You Need

Chain Kit Optional



BRAND NEW 3 PT. HOOKUP CEMENT MIXER

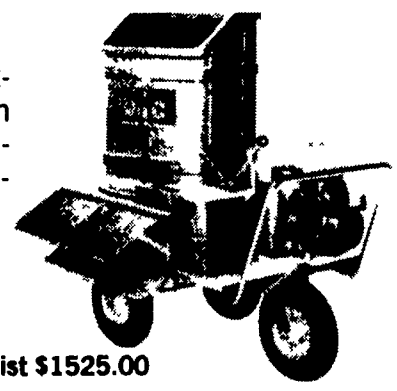


540 PTO Drive, Mix Capacity Approx. 84.5 Gallons
Most Competitive Models Priced Well Over $800

OUR DISCOUNTED SALE PRICE ONLY $485.00

THE BETTER BEDDER

In one single operation, straw and/or hay mixtures are shepped and evenly spread beneath your livestock. Because of advanced manufacturing technics, this machine is extra-sturdy and most reliable.



List $1525.00

BUY FOR ONLY

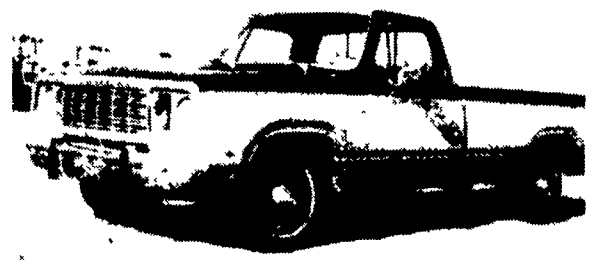
$1395.00

In Stock!
Ready To Chop!

This Unit In Stock
Powered By
7 HP HONDA

A BEAUTIFUL 1978 DODGE PROSPECTOR PICKUP

- 318 V8
- Automatic
- Loaded
- Rear Hitch On Truck Frame
- Less Than 54,000 Miles



$4,250

NOTICE...SPECIAL INTRODUCTORY OFFER

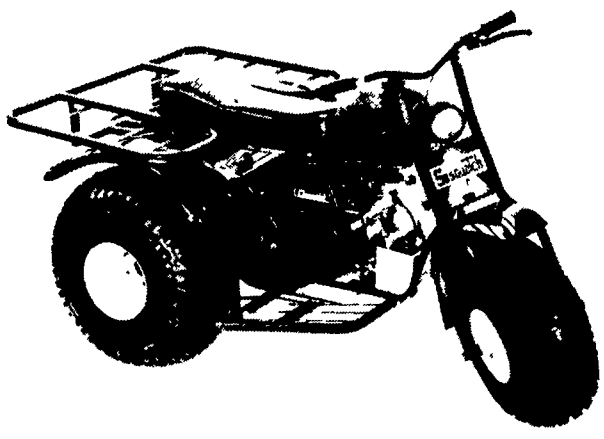
THE FARMERS ALL-AROUND 9 HP STEP SAVER

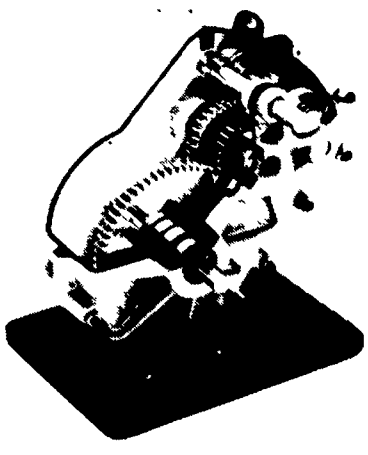
Commuter INDUSTRIES, INC — CASCADE, IOWA 52033

"The modern day horse"

Commuter is a modern means of providing dependable transportation for all types of farm and ranch work. A vehicle with many uses such as mending fences, herding livestock, checking the irrigation, and general all around the farm work.

ENCLOSED GEAR DRIVE
transaxle drive—no chain





The transaxle drive which is an enclosed gear reduction case, eliminates all daily maintenance normally needed with chain drives.
Rack optional.

Go Ahead, Load 600 Lbs. On Your Commuter And Ride Away From All The Foreign Made Toys!

BUILT IN AMERICA FOR THE AMERICAN FARMER

In Stock! **Stop By Soon!**

SPECIAL OFFER... GRANGER MODEL **$1,698**
Including Optional Rack

Sasquatch 340

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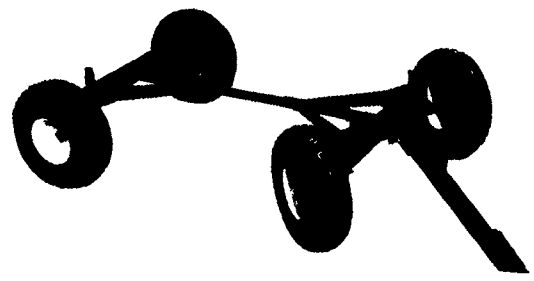
Located ½ Mile North of Rothsville
PH: 717-626-4705
Hours: Mon.-Fri. 7 AM- 5 PM; Sat. 7 AM - 11:30 AM; Sun. Closed - Lord's Day

340 GRANGER

Hey... Looking For A HEAVY DUTY 30,000 Lb. Capacity Wagon w/Hydraulic Surge Brake on 12.5x16 14 Ply Tires w/80" Tread Width And A Towing Hitch All For A Low Price of $2050.00



Tires in prices are not diamond tread.

MODEL RGE-15 SPECIFICATIONS

Rated Capacity	30,000 lbs.
Tread Width	80 inches
Wheelbase (adj. every 6")	96-144 inches
Front Spindles	2½-inch bent
Rear Spindles	2½-inch straight
Hubs	8-bolt
Axles	7 inch I-beam
Hounds (channel type)	3/16-inch formed steel
Reach Pole	94x3 3/8 inches OD
Bolsters	42-Inch
Steering	Heavy duty truck type
Brakes	Std. 2W rear
Tongue	Extendable (spring counterbalanced)
Height (to bolster top-approx.)	28 inches
Ground Clearance (approx.)	15 inches
Weight (less wheels & tires)	1160 lbs

Remember You Get All This For Only... **$2,050.00**

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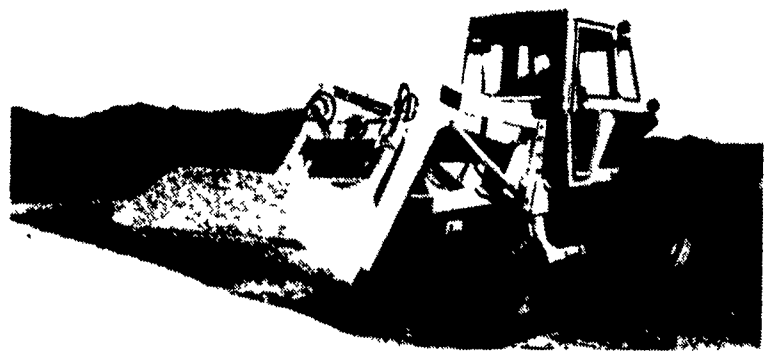
case MODEL 90 LOADER



SPECIAL OFFER... ONE ONLY
BRAND NEW CASE 90 SERIES LOADER
Designed for 100 HP tractors and over, with mounting bracket & 96" wide material bucket.
SPECIAL OFFER ONLY $3,985

Also Special Offer To Farmers & Dealers!

We have in stock over 40 brand new Farm Loader Buckets to fit IH 2000 Series and almost all Case Loaders, such as Models 60 - 65 - 70 - 56 - 74L - 75 - 80 - 85 - 90 Series Loaders.
Also adaptable to other brands.
SIZES INCLUDE: 60", 66", 72"
YOUR CHOICE $221.00 EACH

NEW! 3 PT. Fertilizer Spreader and Seed Caster

Accurately Broadcasts All Powdered And Granular Fertilizers and Herbicides, Seeds, Salt and Sand
- Spreads up to 40 ft. swath
- Rugged all steel construction
- Epoxy finish protects against rust and corrosion
- Instant on/off

Choice of 3 Spread Patterns:
• Left • Full Rear • Right Spread

- **1M MODEL 1010** 10 Bushel Size. $329.00
- **1M MODEL 610** 6 Bushel Size $284.00

BINKLEY & HURST BROS., INC.
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Located ½ Mile North of Rothsville
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FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

FARM TRACTORS

Coming In TW30 Ford Tractor

Ford 5000, rebuilt motor, excellent condition; Ford 5000, new tires; Ford 4000; Ford 8000; A Farmall w/loader; cultivators available; Super A cultivator; 305 Kubota; Int. LoBoy; Ford Crop Blower; Ford 538 9' haybine; 20 used garden tractors; 610 Long 4 WD, very nice; 3500 Ford TLB; air compressor 125; Black top 1 ton roller, 2 ton roller.

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FOR SALE OR RENT
CALL US FOR INFORMATION

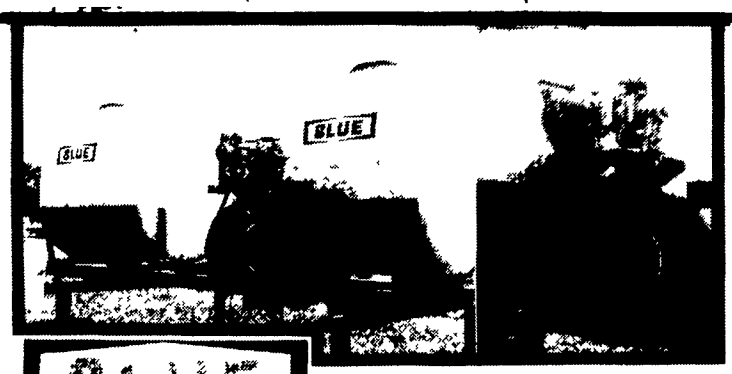
Lot Open For Inspection On Sunday

STRALEY FARM SUPPLY, INC.

Farm - Industrial Equipment Sale & Service

Ford, IHC, Kubota, Woods, Bush Hog, Danuser, Little Giant

Dover, Pa. 17315 717-292-4443



BLUE

FEATURES:

UNBEATABLE ACCURACY
- Blue Metering Pump – L 1094 or L-4400
- Speed Sensitive – Set It And Forget It
- Press Wheel Drive

SINGLE UNIT CONVENIENCE AND EFFICIENCY
- Twin 200 Gallon Polyethylene Saddle Tanks
- Metering Pump
- Pump Mount
- Press Wheel
- Side Saddles
- All Mount Together In One Package – Easy On And Easy Off

VERSATILITY
- Pumps Meter Liquid And Suspension Fertilizer And Herbicide
- Use With Planters Discs Our 30 Foot Boom or Other Application Packages

NEW IN-LINE SPRAYER

FEATURES:

- 500 Gallon Tank (Stainless Steel or Polyethylene)
- 6 000 lbs Capacity 2 Wheel Cart
- Press Wheel Pump Drive (Manual or Hydraulic)
- John Blue s L-4400 or L-4900 Metering Pump
- 30 Boom 40 Boom or 40 Truss Boom
- Without Boom It Can Be Used As Nurse Unit
- 60 –80 Adjustable Tread Width
- Venturi Agitation or Sparger Agitation–Blue s Hydraulic 2 Centrifugal or PTO Centrifugal Pump
- Low Clearance Chassis–12 1/2 (Under Axle) or High Clearance Chassis –26 (Under Axle)

IN STOCK FOR IMMEDIATE DELIVERY!

- 7 Shank 200 Gal. Side Dressing Unit
- Model 700 300-Gal. Sprayer with 30 Ft. Booms
- Saddle Tank Set Ups-200 Gal. or 260 Gal. w/Ground Drive Pumps

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Daily 7-5; Sat. 7-3

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NEW EQUIPMENT

AC 2500 Disc 10 ft. 10 in.
AC 8010 PS w/20.8x38 Radials
(3) AC 6080 2 WD

USED TRACTORS

AC 175 Diesel
IH 896 Diesel w/cab
MF 1135 Diesel w/cab, heat & air

USED HAY & FORAGE EQUIPMENT

(2) NH 268 w/Thrower
NH 33 Crop Chopper
2 NH 717 Forage Harvesters
JD Tank Spreader
AC Model F Combine w/13' Grain Head -
IH 555 Forage Harvesters
Hesston 420 Self Propelled Mower Conditioner
Gehl 300 Forage Harvester
Gehl 600 Forage Harvester
NH 469 Haybine
MF Hay Rake

SPREADERS

NH 518 2 Beater
NH 513 2 Beater w/Hyd. Endgate

MISCELLANEOUS

AC 460 Loader w/2 Buckets (Will fit AC 6060 or 6080 Tractor)
NH 880 2R Corn Head
AC 600 4 Row No-Til Planter

RD 1 Beavertown, Pa. 17813
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717-658-8185

NEW TRACTORS

JD 2150 MFW-TSS w/Hi-Lo	
JD 2350 Dsl TSS w/hi-lo	
JD 2440 Dsl.	
JD 2750 Dsl. TSS w/hi-lo	
JD 4450 SGB & PS	Call For Prices
JD 4650 SGB and PS	

NEW MACHINERY

JD 680 Spreader	
JD 445 Spreaders	
JD 315 13' Disc	
JD 660 Rakes w/rubber teeth	
JD 3940 Fg Harvester	
JD 712 Mulch Tiller	
JD 2600 5Bx18" Plow	
JD 1250 Plow 4Bx16"	$2450.95
JD 2700 6Bx18" Plow	
JD 16x10 FF Drill	$4000
JD 327 Baler w/ejector	
JD 27 Flail Shredder	
JD 965, 1065, 1075 & 1275 Running Gears	

USED MACHINERY

1-IHC 830 Fg. Harv 1981 model, PU & 2 R C H	$11,000
1981 White Combine 7300 w/704N 4 Row Corn Head	$24,500
JD A Tractor	$1050
JD B Tractor	$1200
JD 50 Tractor w/Loader	$2200
JD 435 W Corn Head	$2500

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JD Agricultural Dealer and CP

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SOUTHEAST MANUFACTURING CO INC
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BIG OX

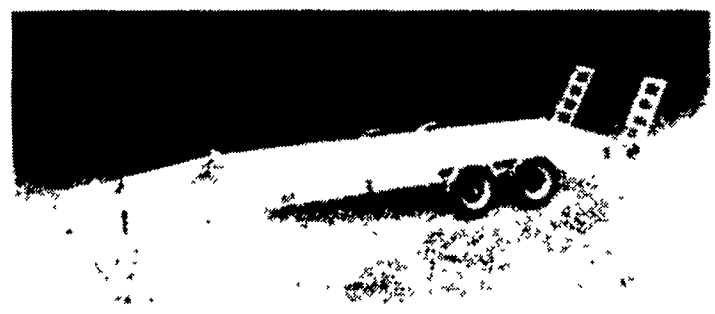
Economy TRAILERS

Coming Soon...

Place Your Order Now At Your Dealer, BINKLEY & HURST BROS., INC.

TT 16

Axles	2
Brake Axles	2
Hitch	2⅝ Ball
Deck Width	76
Deck Height	19
Deck Length	16
Deck Material	Oil treated 2 pine
Tires	7 00x14 5
Weight	1623#
Capacity	8000 lbs
Color	Yellow



TT 14

Axles	2
Brake Axles	2
Hitch	2⅝" Ball
Deck Width	76"
Deck Height	19"
Deck Length	14'
Deck Material	Oil treated 2 ' pine
Tires	7 00x14 5
Weight	1500#
Capacity	8000 lbs
Color	Yellow

TT 12

Axles	1
Brake Axles	1
Hitch	2⅝
Deck Width	76
Deck Height	19'
Deck Length	12
Deck Material	Oil treated 2' pine
Tires	7 00x14 5
Weight	1050#
Capacity	4000 lbs
Color	Yellow

STANDARD EQUIPMENT: Stationary fold-up ramps, fold-up jackstand, ICC running and clearance lights with male pigtail connector, Dexter axle with mono-leaf springs, electric brakes on all wheels.

MADE IN AMERICA

RUGGED FOR LONG LIFE

AVAILABLE OPTIONS FOR ECONOMY TRAILERS
Diamond plate fenders
2⅝ adjustable ball hitch — 14 /16 only
Spare tire — 7 00x14 5

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RD #1 Box 228
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717-582-4365 anytime
ACRES OF USED AND RECONDITIONED FARM EQUIPMENT AND TRACTORS
Also
ACRES OF USED EQUIPMENT AND TRACTOR PARTS.

WE WILL BUY OR TRADE YOUR USED EQUIPMENT IN ANY CONDITION

USED FARM EQUIPMENT:

Complete set-up for storing and processing dairy feed. 2 3500 bu. grain bins, 1 6000 bu. grain bin. All with perforated floor; 2 T vertical feed mixer with 7½ single phase motor, mounted on 2½ T scales; 1 11 T bulk feed bin, 1 7 T bulk feed bin, 1 40' 6" portable PTO conveyor; 1 LP gas dryer; 1 30'5" vertical elevator with 7½ HP motor; 300'4" auger; 5 HP hammermill with 3 hole blender. $6,000.00.

Green Valley Farm
Route 1, Box 106
Wirtz, Virginia 24184
703-721-2150

FARM EQUIPMENT

FARM EQUIPMENT

USED IRRIGATION PIPE

Sprinklers, Pumps, Travelers & Accessories
Reasonable Prices
In Stock Now 3", 4", 5", 6" & 8" Pipe
Any quantity available

MODERN FARM SUPPLY CO.
Woodstown, NJ
Phone Day or Night
609-769-1174

NEW EQUIPMENT

TRACTORS
JD 95 SOLD WD
JD 1050
JD 2350
JD 2750
JD 4250 SG, PS
JD 4450 SG, PS, MFWD

COMBINES & HEADS
JD 215 Flex Platform
JD 643 Corn Head
JD 6620 Combine
JD 213 Flex Platform
JD 444 C. Head
JD 4420 Combine

TILLAGE EQUIPMENT
JD 235 19'11" Disc
JD 115 10' Disc
JD 215 11'5" & 12'10" Disc
JD 1610 Chisel Plow

PLANTING EQUIP.
JD 7000 Cons. Pltrs. 4R & 6RN
JD 8200 18x7, 21x7 Plain Drills

HAY TOOLS
JD 1219 Mower Conditioner
NH 28 Blower
NH 489 Haybine
NH 38 Crop Chopper
NH 451 Mower
NH 256 & 258 Rakes
NH 782 Harvester

USED EQUIPMENT
Oliver 1800 Dsl. Tractor
JD 1240 Planter w/Dry Fert.
Pittsburg 4 Bottom Plow
Pittsburg 12' Disk Harrow
JD 8300 Soybean Drill 16x10
IH 1440 Combine w/13' Platform & 4RW Corn Head
JD 4020 Tractor
NH 791 Manure Spreader
AC K2 Combine
JD 643 Corn Head
JD 244 Corn Head
Fox 3000 Fg. Harv.
Lely Roterra 13'6"
JD 6 Row Max Emerge Planters - 1 w/Liquid Fertilizer & 1 w/Dry Fertilizer

OTHER EQUIPMENT
JD 1065, 1075 Wagons
Century 500 Gal. Sprayer
DeLaval Manure Pump
Fahr KH500AS Tedder
Lamco 18' Bale Body
NH 355 Grinder-Mixer

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SPECIALS ON NEW SPERRY NEW HOLLAND EQUIPMENT - 2-YEAR WARRANTIES

NH 519 Spreader w/Fine Manure Pan	$3,550
NH 791 Spreader w/Splash Guard, Endgate, Fine Manure Pan	$6,650
NH 472 Haybine	$6,500
NH 489 Haybine	$7,500
NH 892 Harvester w/Metal Alert NH 824 Corn Head	
NH 880W WD Pick Up	$15,825
NH 320 Baler w/Hydro Formatic	
NH 70 Thrower	$9,825
NH 38 Crop Chopper	$3,975
NH #8 Crop Carrier w/NH 238 Wagon	$6,475
NH #8 Crop Carrier w/Wagon Box, Cover Extension Sides, Third Beater Attachment NH 238 Wagon	$2,050

SUPER SPECIAL OF THE MONTH
NEW AC 6080 2WD w/ROPS SUPER PRICE CALL TODAY

New 705 Gal. Cagle Sprayer w/43 Ft. Boom
New 10 Ft. AC Wheel Disc

USED EQUIPMENT
AC 7060 PS w/Cab Excellent Condition
AC 7020 PS w/o Cab Excellent Condition
AC 4 Row No-Til Corn Planters
357 Hawk Built Spreader
EIII 330 Corn Head Good Condition
Woods Mowers All Sizes
Used Spreaders

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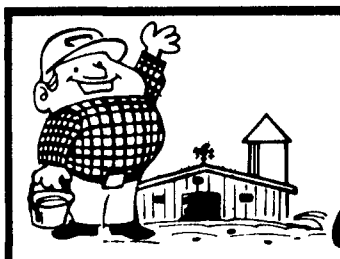
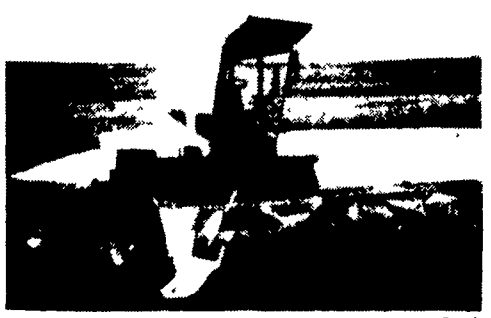
717-762-3193

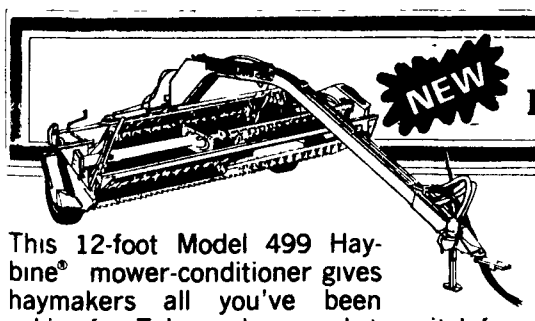


HEY, HAY
Come This Way For Good Buys On Hay Tools



NEW HOLLAND 1495 SP HAYBINE

Priced Unbelievably Low!



NH 499 HAYBINE

Call For A Demonstration

This 12-foot Model 499 Haybine® mower-conditioner gives haymakers all you've been asking for. Takes only seconds to switch from swath to windrow. Patented Rolareel header and chevron rubber conditioning rolls offer the ultimate in cutting and conditioning. And dual sickles assure top capacity in tough conditions. This one's got it all!

Other Balers And Haybines In Stock

Waiver of Finance
Hay & Forage Equipment
till Sept. 1, 1984
Plus Low Interest Financing Rates

AUTHORIZED SPERRY NEW HOLLAND PARTS and SERVICE

L.H. BRUBAKER, INC.

NEW HOLLAND

350 Strasburg Pike
Lancaster, PA
Ph. (717) 397-5179

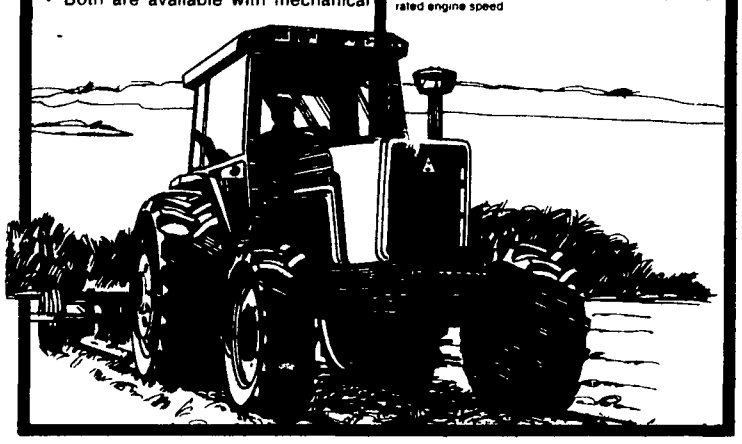
ALLIS-CHALMERS 6060/6080 TRACTORS...

Tops in the field in combined torque rise and fuel economy.

Here's the best of both worlds in versatile tractor power By official test, the 83 PTO hp* 6080 has the best fuel economy in its class and the best torque backup at 27% The 63 PTO hp* 6060 has the best torque backup at 35% with excellent fuel economy, too

- Both are powered by an Allis-Chalmers 4-cylinder direct-injection diesel engine Turbocharged in the 6060, turbocharged and intercooled in the 6080
- Both are available with mechanical front-wheel-drive for better traction, better fuel economy, less compaction
- Rugged rear mains with large planetary final drives and positive wet disc brakes
- Open-center hydraulics with 11 4-gal remote capacity
- Fully independent PTO
- Optional cab is tops in roominess and comfort

*Manufacturer's maximum observed PTO horsepower at rated engine speed



Better by Design
ALLIS-CHALMERS

See Us For Your Allis-Chalmers Equipment

SEVERAL AC DISKS IN STOCK PRICED AT INVOICE

Waiver of Finance AC Tractors & Implements
Till Jan. 1, 1985

L.H. BRUBAKER, INC.

350 Strasburg Pike, Lancaster, Pa.
Phone (717) 397-5179

VISA

GOOD USED EQUIPMENT

- NH 489 Haybine
- NH 269 Baler w/PTO
- (2) AC Forage Wagons
- NH 903 Speedrower
- Brillion 16½ Fold Up Field Harrow
- NH 272 Engine Baler
- (2) NH 273 Engine Baler
- NH 469 Haybine
- NH 273 Engine Baler
- 310 Engine Baler
- NH 315 Baler w/75 Picker (Like New)
- AC 7010 Tractor Like New
- MF 260 Harvester w/ NR Corn Head & Pickup
- NH 717 Harvester w/
- 741 1 Row Cornhead
- 2 Row Hershey Transplanter
- 1880 NH Harvester w/ 3 Row Narrow Cornhead & Pickup
- NH 718 Harvester 2/ 1 Row Corn Head & Pickup
- NH 55 Rake
- AC 4 Row Tool Bar Cultivator
- John Deere 680 Spreader Hyd Endgate
- NI 202 Spreader
- Starline 3200 Gal Liquid Spreader, w/ Chisel

After the Sale... It's The Service That Counts!

L.H. BRUBAKER INC.

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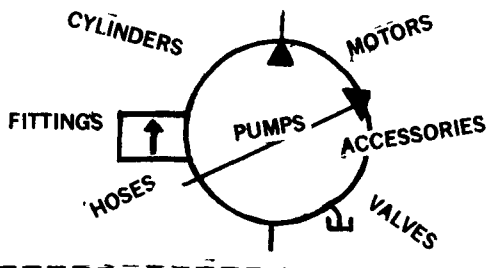
Phone (717) 397-5179

HYDRAULICS

New & Used



Wholesale and Retail

SALES - SERVICE - INSTALLATIONS

(Hydrostatic Transmission Repairs)

Let us do your trouble shooting and system designing

WILL TRAVEL

LOG SPLITTER SPECIALS

- 11 GPM 2 Stage Pump $118
- 22 GPM 2 Stage Pump Slightly Used $225
- 28 GPM 2 Stage Pump $295
- 4x24 Cylinders $109
- 5x24 Cylinders $149
- Automatic Valve 25 GPM $59

22 Series Sundstrand Motor (Rebuilt) $700

BEILER HYDRA-MATICS

Box 587, RD 3, New Holland, PA 17557

(717) 656-2846

UPS Service

Sweigard Brothers

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Halifax, PA 17032
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FORD TRACTORS

New TW 20 w/cab, 4WD, air
New 7710 w/Sycro. Trans.
New 6600
New 1510 w/Ag Tires
New 1710 w/Powersteering
Used 140 5B 16" Auto Reset Plow. Ex. Cond.

NEW HOLLAND

New TR70 Combine w/cab, air, heater, w/cat. engine and lots of extras
New 13' flotation header and cutter bar, w/ hume reel
New Harvesters - 707, 718, 782
New L35 gas, L325 gas skid loaders
New 358 Grinder Mixer
New 367 Tank Type Manure Spreader
Used 975 Combine w/11' head
Used 718 Harvester w/2 heads

NEW IDEA

NI 406 rake
NI 323 one row corn pickers
NI 3 pt. Hitch Fertz. Spreader

New Glencoe 12'9" Finishing Harrow
Glencoe Soil Saver Stretch 7 Shank
Glencoe Soil Saver 5 Shank
Amco Heavy Duty 12' Disc Harrow
Used IH 550 Harvester w/Windrow PU & 2R Corn Head

JD 2280

12' Windrower, Self Propelled,
Cab, Air, Diesel, 550 Hrs.
Used 2½ Years.

Forsley's Inc.
110 Farview Dr.
Martinsburg, Pa. 16662
814-793-3791

USED TRACTORS

AC D17	AC D14
JD 4040	JD 2640 Like New
JD 3020	JD 4040 w/Cab
AC D15	IH 1566 w/Cab
Ford 2600	JD 4640

USED COMBINES

AC M2 4 Row Head 15' Platform
AC F w/13' Platform
AC K2 2 Row Corn Head 10' Platform
AC N5 Rotary
AC N6 Rotary

NEW & USED IMPLEMENTS

NH 513 Spreader
2 Used Manure Spreaders
10 Used Square & Round Balers
4 Used Haybines
3 Used Plows

SPECIAL SAVINGS ON ALL NEW & USED FARM EQUIPMENT - PLUS FREE FINANCE UNTIL USE SEASON

UNIONTOWN FARM EQUIPMENT

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BRICKERVILLE EQUIPMENT

SALES * SERVICE * PARTS

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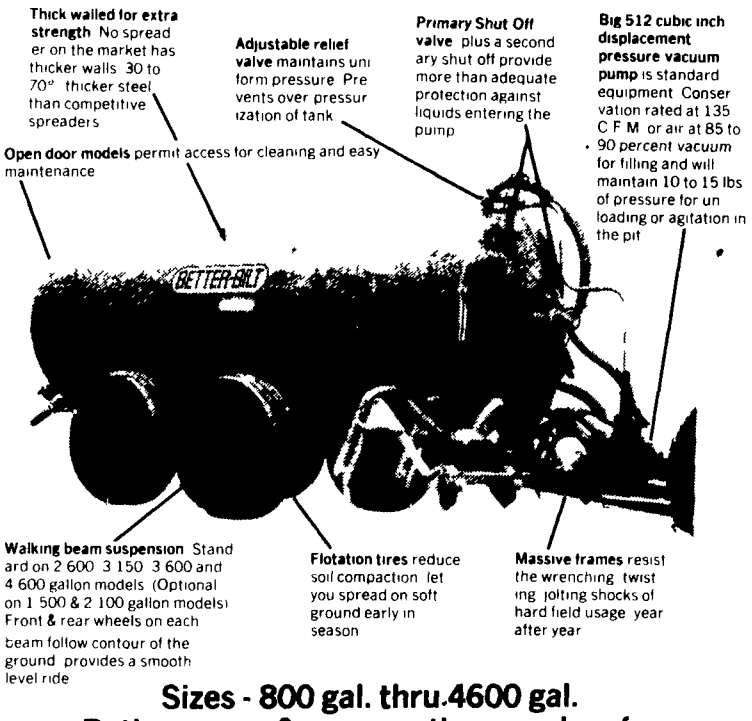
Outstanding Features


Thick walled for extra strength No spreader on the market has thicker walls 30 to 70" thicker steel than competitive spreaders
Adjustable relief valve maintains uniform pressure Prevents over pressurization of tank
Primary Shut Off valve plus a secondary shut off provide more than adequate protection against liquids entering the pump
Big 512 cubic inch displacement pressure vacuum pump is standard equipment Conservation rated at 135 C F M or air at 85 to 90 percent vacuum for filling and will maintain 10 to 15 lbs of pressure for unloading or agitation in the pit
Open door models permit access for cleaning and easy maintenance
BETTER-BILT
Walking beam suspension Standard on 2 600 3 150 3 600 and 4 600 gallon models (Optional on 1 500 & 2 100 gallon models) Front & rear wheels on each beam follow contour of the ground provides a smooth level ride
Flotation tires reduce soil compaction let you spread on soft ground early in season
Massive frames resist the wrenching twisting jolting shocks of hard field usage year after year

Sizes - 800 gal. thru 4600 gal.
Both vacuum & augermatic spreaders for truck mount or trailer type

SPECIALS

1 - Used Better Bilt plow down attach. to fit a 1500 gal. liquid spreader

CALL US FOR YOUR NEEDS OF

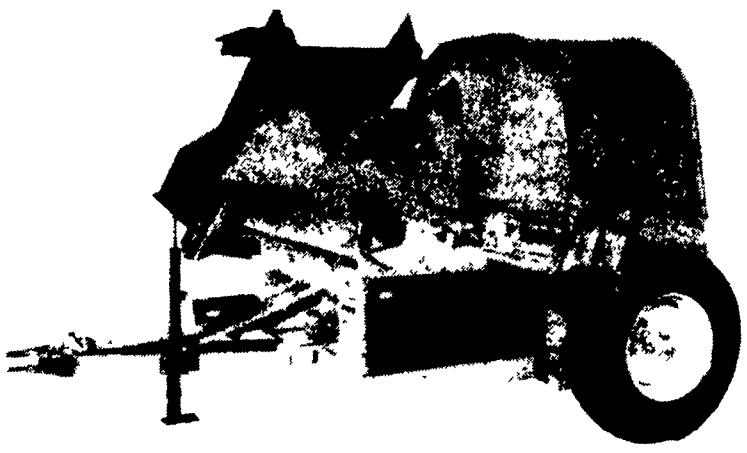
- Farrowing Crates
- Lagoon Pumps
- High Pressure Pumps

Ag-Bag System lower investment and interest cost, fine quality forage you would expect with an oxygen limiting silo.
Better Forage At Lower Cost!

AG-BAG CORPORATION

THE NEW

JR. BAGGER



Be Wise Check Quality Bag & Performance First Before You Buy

AG-BAG A PROVEN SYSTEM

Recommending anyone with storage shortage at a very low cost per ton of feed. By using the Ag-Bag on a custom work basis no major capitol cost was required and the interest which was forseen with other systems was eliminated.

Ag-Bag Equipment - Ag-Bagger models #125, NH-135, G750 Jr. Ag-Bagger, Auger Mixer, Auger Chuck Wagon, Mighty Bite, Manure Spreader, Line Bottom Floor, Grain Bagger, Silage Bags, Ag-Bag Bonded-Flat Fold into a box. Ag-Bag Dual Accordian 5 mil. 9x135

Leasing Available Ag-Bag Equip.
CUSTOM SILAGE BAGGING
Reputable Dealer - Larry Eckert - 717-626-7596

Round Bale Bags
BE WISE CHECK OUR QUALITY BALES

Three ply 9 mills use 1 to 3 times over 40 to 60% moisture
4' 51 diameter x 126 fits 42 to 48" bales
5' 70 diameter x 148 fit 54 to 60" bales
6' fit 66 to 72 bales

Increase Nutrient Value - Better Milk Production

HAY & FORAGE

Wood & steel bale racks, New & Used trailer sprayers, NH 256 rake w/dolly wheel, JD 640 side rake, NH 56 rake, Gehl 900 side dump forage wagon, flail choppers, NH 38, JD 16A like new, IHC #8 very good, NI side delivery rake, NI 402 rake, NI 254 trailer mower 7', NI wheel rake, AC 6 ton running gear w/flatbed wagon, Hesston PT 7 & PT 10, 1090 mowditioners, Grimm hay tedders PTO & ground drive, NH 1005 bale wagon like new, IHC, JD, AC, NH pickup heads, 270, 272, 279 new & used cutditioners, Hesston #10 stak hand very good, Hesston #30 stak hand & stak mover. USED HAY BALERS: NH 273, 276, 269, 275, JD 24T, Hesston 4500, IHC 425- most w/throwers. USED ROUND BALERS: Hesston (2) 5800's, 5600, NH 850, NH 846 auto wrap like new, JD 510. USED FORAGE HARVESTERS: Hesston 720, 2000-100, 2000-150, NH Super 717, 770 & 880. New & used bale elevators and bale movers. Used Kuhn & Fahr centipide hay tedders.

USED TRACTORS

AC 7040 w/cab, 7030 w/cab, 7000, 200 w/cab, 190XT w/cab, 160, D17 Series IV factory 3 pt. gas & diesel, D15, 170 w/loader, B, C.
FORD 4000 late model, gas, 800, 600, 8N.
MASSEY FERGUSON 175 D, 135.
JOHN DEERE 4020 diesel power shift, 3020 diesel, 2640, 2440, 620, 530.
IHC 706, 140 w/culivator, 100 high clearance, Super A comes w/equip., 3 used Cubs w/belly mowers.
KUBOTA 225 tractor w/cab.

PLANTING & TILLAGE

New AC 4 Row corn planters, conventional or no till, Lely 10' power harrow, IH 710 4 btm. 16" semi-mount reset plow, JD 7000 planter 4 row narrow w/monitor & insecticide very good, Brillion 8' cultipacker seeder, Tye no-till seeders, Used AC 8' grain drill, JD 1240 4 row plateless planter, JD 4 row 3 point tool bar planter - 71 units like new, IHC 710 5-16" semi-mount reset plows, IHC 700 6 btm. 16" semi-mount reset plow, New & Used trailer sprayers, Mechanical Transplanter, Glencoe 7 shank 3 pt. hitch chisel plow, AC 4 Row conventional air planter, AC, JD, Ford 2 Row 3 pt. corn planters; AC 5 btm. plow, Bush Hog 10' plowing disc, Used AC, MF, JD, IHC transport disc.

INDUSTRIAL

(2) used AC 840 articulated payloaders, one & one-half yard buckets, Case 530 tractor loader backhoe, Fayette 12 ton tag along trailer, 615 Tractor Loader, JD 440 Log Skidder, NH 775 skid steer loader, AC 715 tractor loader backhoe, demo, AC 706D forklift 14' mast, JD 24A diesel skid steer loader, Used 18 ton tilt top equipment trailer, Bobcat skid steer loader, 610 gas & diesel, 520, Gehl skid steer loader model L2500, NH 445 Deutz diesel.

MISCELLANEOUS

Century 3 pt. hitch 200 gallon sprayer, Great Bend quick tach front end loader off Farmall 826, also fits various other tractors, Pick Stone Picker, AC, MF, JD, IHC Garden Tractors w/mowers, Dunham Lehr Loaders, GMC Power Unit w/PTO Clutch, JD and IH 2 row Potato Diggers, year around cab for an AC 190 or 200, NI 206 spreader like new, NH 455 trailer mower w/9' bar.

MARSHALL MACHINERY INC.
5 Miles East of Honesdale, Pa.
NE Corner of Pennsylvania Rte 652
717-729-7117

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for AC, KUBOTA, HESSTON,
BRILLION, STARLINE, NEW IDEA

GAS & DIESEL ENGINE REPAIR

LOMBARDINI • Experience • Reasonable Rates
DIESELS SALES & SERVICE
New & Used Gasoline & Diesel Engmes
BRIGGS & STRATTON

Briggs & Straton Engines

Kawasaki

3 hp 80202	$116	3½ hp Vertical 92505	$109
5 hp 130202	$149	8 hp Vertical 190702	$244
5 hp 130292	$143	8 hp Vertical Tecumseh	$198
8 hp I.C. 195436	$241		

Limited Supply on BRIGGS & STRATTON ENGINES
(UPS, Shipping add 5%)

KENDALL MOTOR OIL

BEILER ENGINE SERVICE
245D PENNSY RD.,
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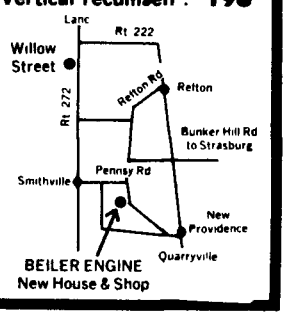
Check Our Prices
While Supplies Last



INTERNATIONAL® AGRICULTURAL EQUIPMENT

SPECIALS ON NEW EQUIPMENT

New Tractors
784 67 hp
884 72 hp
3088 80 hp
3688 113 hp
5088 135 hp

New Tillage Equipment
IH 720 5F 18" auto-plow
IH 475 12' disk harrow
IH 480 13' disk harrow w/cyl.
IH 4500 VS field cult., 12'6"
IH 5511 Chisel Plow

Planting & Seeding Equipment
IH 800 6R air planter w/liq. fert.
IH 5100 18x7 d.d. comb. drill
IH 5100 16x7 d.d. comb. drill

New Hay & Forage Equip.
IH 428 baler w/thrower
IH 435 Baler w/thrower
IH 1190 mower cond.
IH 1490 mower cond. 12'
IH 781 harv. w/2R head
IH 881 harv. w/2R head
IH 130 16' forage box w/tan. 12T gear
IH 600 forage blower
IH 86 hay rake

Material Handling
IH 2250 loader w/72" bkt.
IH 1250 grinder mixer
IH 40 3 pt. blade, 8'
IH 540 spreader
IH 550 spreader
IH 560 spreader

USED TRACTORS

IH F-Cub w/3 Pt. & 5' Mower (Real Nice)	SOLD $4250	IH 966 D hydro w/cab	$12,500
IH 1486 w/cab and rad. tires	$24,500	IH F350 w/fast hitch (nice)	$2650
IH 1086 D w/cab	$22,500	IH C	$1250
		IH 484 D w/duals	SOLD $10,500
		AC WD45 w/wide front	SOLD $1250

Waiver of finance until 9-1-84

USED HAY AND FORAGE EQUIPMENT

IH 46 w/thrower	$850	JD 34 forage harvester w/2 row head	$1500
IH 37 baler w/thrower	$1800	Lamco 16' forage box w/roof	$1850
IH 430 baler w/thrower	$2850	IH 56 forage blower	$750
NH 33 flail chopper	$950	IH 45 conv. blower	$100
IH 650 forage harv., w/hds.	$1250	IH 80 pull combine	$2000
		Bush Hog 5' 3 pt. rotary cutter	$395

Waiver of finance until 9-1-84

USED TILLAGE

JD 1350 4F-18", HC plow w/cylinder	$2500	IH 540 4F-16" plow	$1350
IH 531 3-F 14" mtd. plow	$475	IH 550 5F 16" plow	$1250
IH 710 5F 18" auto. plow w/cyl.	$3950	IH 710 5F 16" plow w/cyl.	$2250
IH 440 3F-16" 3 pt. plow (nice)	$1250	IH 475 20' wing disk harrow w/cyl	$4950
		IH 311 3F-14" 2 pt. plow	$350

USED PLANTERS & DRILLS

IH 510 S.d. 16x7	$3500	IH 400 4 row 38"	$950
IH MF S.D. 13x7	$300	IH 400 6 R 30" Planter w/insect. and cou-till	$2750
McCon. Ont. 16x7 d.d.	$1250		
IH 56 4 row	$950	Waiver of finance until 5-1-85	

SPREADERS AND MISC.

NI 214 spreader w/hyd. endgate	$1850	5th Wheel Steer Wagon chassis w/elec. brakes and tires	$450
Portable loading ramp (for cattle)	$200	Little Giant 38' elevator w/motor	$1250

MIFFLINBURG FARM SUPPLY, INC.
Route 45 East, Mifflinburg, PA 17844
Phone: (717) 966-3114
Evenings - 717-524-2924 - Frank Saner

DEPENDABLE MOTOR CO.

East Main St., Honey Brook, Pa. 215-273-3131-273-3737

NEW EQUIPMENT SPECIALS

NH #488 Haybine (Demo)		$7100
NH #311 Engine Baler, Hitch & Chute, Steel Wheels	ONE ONLY	$8700
NH #311 PTO Baler, hitch and chute		$7120
NH #256 Steel Tine Rake		$2145
NH #256 Rubber Tine Rake		$2300
NH #456 Mower		$2470
NH #30 Blower		$2865
NH #28 Blower		$2915
NH #718 Harvester (1 only) Rental		$5600
NH #782 Harvester, manual controls		$9350
NH #782 Harvester, electric controls		$9890
NH #770W Pickup Head		$1925
NH #8 Forage Box, 3 btr. and roof w/234 wagon and 13:50 tires, adjustable tongue		$7240
NH 363 Tank Spreader		$4295
NH 519 Spreader, 11:20 Tires		$4725
NH #425 Skid Loader 60" bucket, 10:50 Tires		$12,675
Pittsburgh 4B 18" Semi Mtd. Auto Reset Plow		$5275
Pittsburgh 12' Field Cultivator, 1 only		$1295
Butler Nesseth Trail Manure Pump (Rental)		$4550
Hutchmaster Disc 22x¼" blades D.O.T. Flex Gang 5600 lbs.		$6200
Dunham 3 Bar 8 Tooth Chisel Plow Spring Loader 32" Shanks		$1695

PLUS MORE EQUIPMENT IN STOCK - CALL TODAY
• SPECIAL DEALS ON THE ABOVE PLUS FREE FINANCE ON NEW & USED NEW HOLLAND HAY EQUIPMENT TILL SEPT. 1, 1984 & FORAGE EQUIPMENT TILL SEPT. 1, 1984 OR SPREADERS AND GRINDERS TILL OCT. 1, 1984

SPERRY NEW HOLLAND

DEALER FOR

AMCO · Glencoe · BUTLER · Livestock Systems · TERRE HILL SILOS · HUTCHMASTER · CENTURY

USED EQUIPMENT

NH 479 Haybine
7' 3 pt. hitch York Scraper Blade w/100 h.p. rating
NH 315 Baler
NH 273 Baler
NH #28 Blower
NH 770 R2 Corn Head
NH 717 N2 Corn Head
NH 717 Pickup Head
Bush Hog 5' Rotary Mower
Case 4B Plow
NH 258 Rake

DEPENDABLE IS MORE THAN OUR NAME

Axial-Flow.
Even used, it's simply more productive.

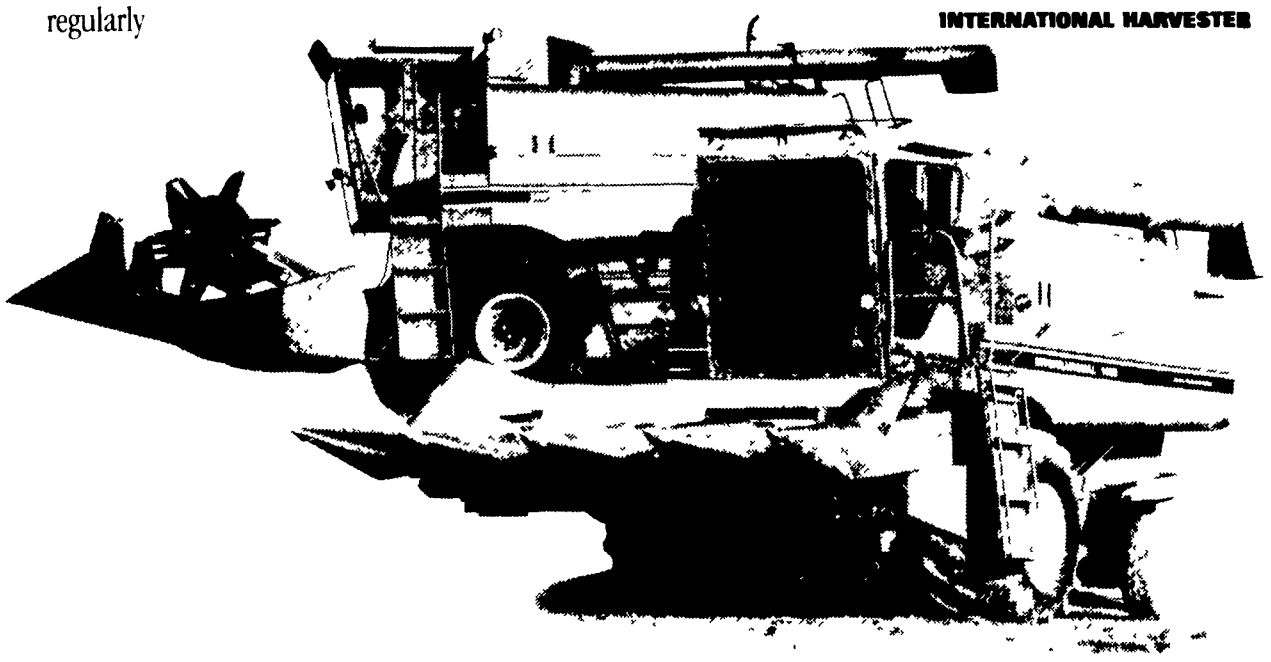
A lot of farmers know that a new International® Axial-Flow combine can improve their harvesting productivity. But the same simplicity and reliability that make a new Axial-Flow perform so well in the field, also make it worth more at trade-in time

Our big single rotor threshes more efficiently than conventional machines. With fewer moving parts, so there's less to wear out. Plus servicing an Axial-Flow is so simple, owners tend to do it more regularly

And there's never been a better time to buy than right now. If you're looking for a new Axial-Flow, remember, the same built-in reliability that makes a new machine such a good buy will also make your used machine worth even more.

So stop in today And see how much Axial-Flow productivity—new or used—can mean to you

INTERNATIONAL HARVESTER



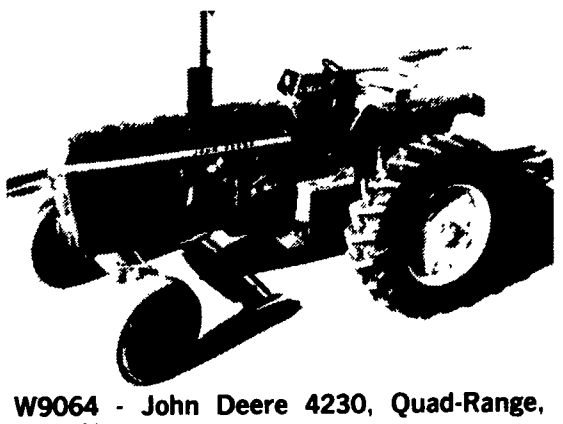
RECONDITIONED AXIAL-FLOW COMBINES

TAG #	DESCRIPTION
U7963	IH 1480 w/30.5Lx32, 18.4x16.1 Tires, 1480 Hours, Air Conditioning, Monitor, A.H.C.
U8542	IH 1480, 1482 Hours, w/67x3400x30, 18.4x16.1 Tires, Air Conditioning, Radio, Monitor, A.H.C.
U8771	IH 1460 w/67x3400x30 Tires, 1900 Hours, Air Conditioning, Grain Loss Monitor, A.H.C.
U9292	IH 1460, 2459 Hours, 28Lx26, 1100x16 Tires, Air Conditioning, Radio, A.H.C., Monitor

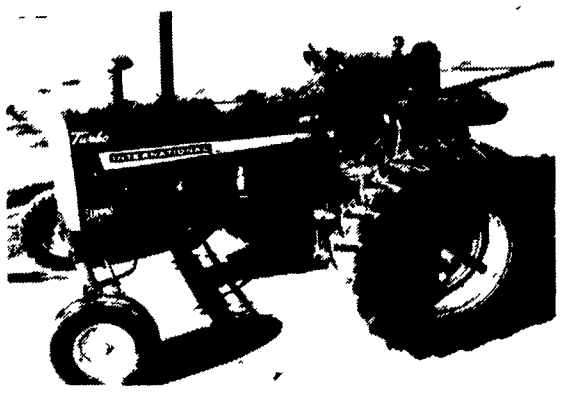
USED CONVENTIONAL COMBINES

TAG #	DESCRIPTION
U7961	IH 915D
U7138	IH 915D
U7608	IH 815D
U9037	IH 715D
U7818	IH 715D
U8457	IH 715G
U8799	IH 203C
U7737	JD 6600
U7904	JD E4400G
8654	MF 750D
U7222	MF 510D Hydro.
U8742	MF 510D Gear
U8010	MF 510D Hydro.
U7158	AC Gleaner F

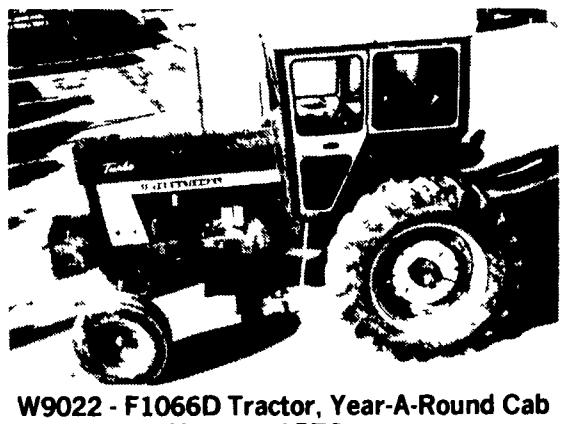
QUALITY USED TRACTORS



W9064 - John Deere 4230, Quad-Range, 2663 Hrs.



W8934 - F1206D Tractor, 4602 Hrs., Dual PTO



W9022 - F1066D Tractor, Year-A-Round Cab w/A/C, 3998 Hrs., Dual PTO

USED EQUIPMENT

TRACTORS

TAG#	DESCRIPTION
W7821	IH 4120 Skidloader
W7844	IH F450D
W8229	IH 966, 18.4x34 Tires
W8536	IH Farmall M
W8569	IH Super C, w/Cultivator, 2 Row-Mtd.
W8780	IH F450G, Fast Hitch, Belt Pulley
W8863	IH F656G Hydr., Fast Hitch
W8891	IH F986D, 18.4x38 6P Tires
W8934	IH F1206D
W8729	IH F1086D w/Rops
W8975	IH Farmall H
W8759	IH F706D w/3 Pt.
W9022	IH 1066 w/Cab
W9040	IH F1206D w/o Cab
W9064	JD 4230H
W8997	Steiger Wildcat 210 w/18.4x34 Duals
W9095	Steiger Cougar II ST300 w/23.1x34 Duals
W9124	IH 1586 20.8x38 Duals
W9189	IH F806D
W9194	IH F656G
W9260	Versatile 150 w/Loader
W9236	IH F1466 w/o Cab
W9240	IH F986
W9291	MF 1080 w/o Cab

TILLAGE

TAG#	DESCRIPTION
T6493	Glencoe SSP, 11 Shank Soilsaver
T8693	Glencoe 13 Shank Soilsaver
T8034	Deere 110 Disc, 10' w/Duals, 9" Spacing
T8166	Deere BW Disc, 10', 8.5" Spacing
T7892	IH 710 Plow, 6F, 18" Auto
T8570	IH Super-C Plow, 2F, Mounted
T8187	Tebbins 13 Shank Subsoiler, Trailing w/Wings
T9270	IH 470 18' Disk
T8857	IH 14 Subsoiler, Auto Reset
T9020	Krause 2416 Disk
T9023	JD 215, 12'5" Disk
T9065	IH 370, 10' Disk
T9074	JD 210 Disk w/Trl Hitch
T9109	Bush Hog 10' Disk
T9120	IH 4500 20' Field Cult.
T9077	Brillion 10' Packer
T9125	White 252, 18' Disk
T9139	Krause 1765 Disk
T9134	IH 760 14' Disk
T9138	IH 37 8' Disk
T9262	Krause 1578 Disk
T9155	Wil-rich 15' Field Cult.
T9184	IH 4500 16½' Vibra-Shank
T9185	Brillion 16' Wing Spring Harrow
T9287	Glencoe 9 Shank Soil Saver
T9317	IH 370 14' Disk
T9318	JD 310 12' Disk

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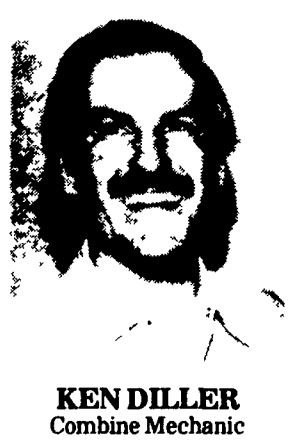

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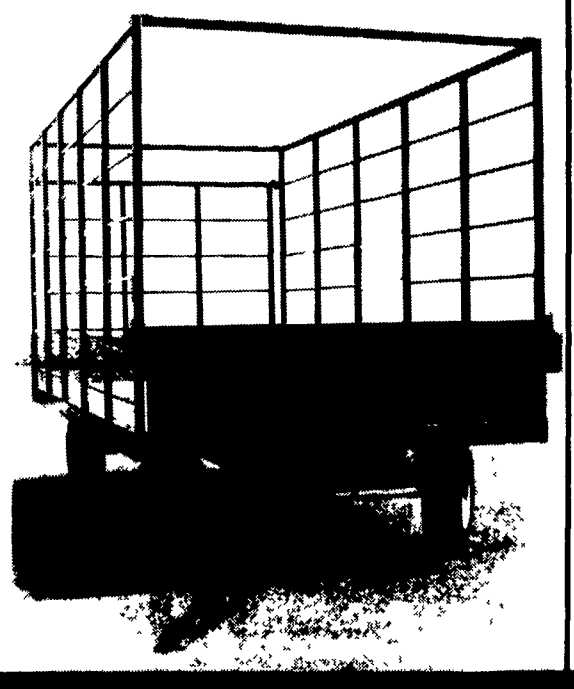

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- IH 2 row potato digger
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- IH 3120 backhoe
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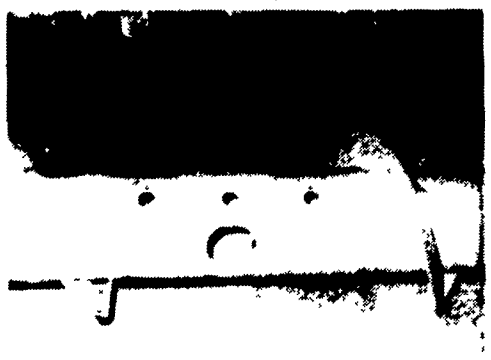

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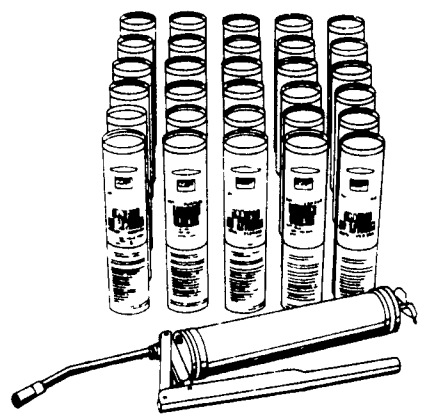

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Int. 3414 Diesel Tractor ldr., Backhoe
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JD 420 gas crawler Dozer, Canopy & Winch
JD 40 Crawler Dozer
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JD 1010 Gas Tractor Ldr., Backhoe

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IH F460D
IH F460 Gas
IH F826D
IH 234D
JD 1010
JD 2440 w/Loader
AC 1B
Oliver 70

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NH 679
Hawk Built 187 Spreader

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IH 311 2 Pt
IH 312 Plow
IH 560 Plow
IH 550 Plow
IH 540 4F, 14"
IH 3F Mtd. Disk Plow
IH 5500 Chisel Plow, 7 Ft., 2 Rank
Taylorway Chisel Plow

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SP IH, Model 205 Corn & Grain
SP IH #91
SP MF #35
MF 510 w/43 Corn-head
NI 710 Uni Combine
NI 725 Cornhead
IH 743 Cornhead

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IH 234
NI 325 2-Row, 30"
Oliver 1-Row

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IH 8 Ft. Disk
IH 45 Vibra Shank, 18½'
IH #24 Offset Disk

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IH 400 Cyclo 4R
JD 1250 6R
Ontario 13x7
IH 400 4R
IH 449 4R
IH 56 2 Row
IH 56 6 Row
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IH 2001
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Bobcat 642
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IH Cub 154 Lo Boy w/mower
IH 122 Cadet w/Mower
IH 782 Cadet w/Mower
IH Cadet 80
IH 60 Riding Mower
IH 75 Riding Mower
MF 7 w/Mower
MF 12 HP w/Mower
AC B10 w/Equipment
JD 110 w/Mower & Snow Blower
P.K. 2418 w/Equip.
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GE Electrak w/Mower
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JD 34 Harvester
JD #6 For. Harvester
IH 350 For. Harvester w/2 Hds.
IH 550 For. Harvester
IH 830 Harvester w/3-Row Cornhead & Hay Pickup
IH #46 Baler
IH 51 Forage Box
Grove 14' For. Box
NI No. 7 For. Box
IH 56 Blower
NH 23 Blower
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JD 443 Corn Heads	Call
JD 444 Corn Heads	Call
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JD 3020
MF 1135 w/cab & air
Ford 9N
Farmall A

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JD 4250 4 Post, PS
JD 2950
JD 2950, SG
JD 2950 MFWD
JD 2750
JD 2550 MFWD
JD 2350 MFWD
JD 650
JD 300B Loader & Backhoe

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JD 7000 6RN w/min. till attach.
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NH 519, 679, 791
Martin S1466 Scavenger
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JD 3960 Fg. Harvester
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J.D. 5020 diesel
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Ford 2000 w/loader

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J.D. 7000 6 row planter w/ monitor
(2) J.D. 1209 haybines
J.D. 1250 6 row planter
J.D. 1290 4 row planter
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J.D. 38 harvester w/2 row head
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- 1972 MF 510 Diesel Gear Drive ... $12,500
- 1971 MF 410 Diesel ... $ 7,500
- 1971 MF 410 Gas ... $ 7,500
- 1971 MF 510 Diesel $12,500
- 1970 MF 510 Diesel $10,500
- 1970 MF 510 Diesel $12,500
- 1969 MF 510 Diesel $11,500
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- 1968 MF 410 Gas ... $ 5,000
- 1967 MF 410 Diesel ... $ 5,000
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- York Blades
- Farmhand Rake
- Glenco Field Cultivator
- Dunham Cultimulcher
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- MF 55 2 way plow ... $ 700
- White 216 plow ... $ 575
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- Miller 10' offset disc ... $ 2,000
- Kewanee 18' hydraulic wing disc ... $ 3,200
- NH 707 harvester ... $ 1,400
- JD 1 row corn binder $ 600
- Fella hay tedder. ... $ 1,200
- JD 8' disc ... $ 400
- Stanhay seed planter ... $ 800
- MF 345 416 spring trip plow ... $ 1,700
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Lay Flat Hose for Trickle Irrigation Systems:

1½" x 300 ft.	.37¢ a ft.
2"x300 ft.	.39¢ a ft.
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3"x300 ft.	.69¢ a ft.
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  - AC 4 row 330 Mon., Insec.
  - JD 7000 6 RN, No-Til, Dry Fert., Auger Fill
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  - JD 444 Corn Head
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  - Ford 24' Disk
  - Brillion 12' Chisel Plow
  - JD 27 Flail Shredder
- **LAWN & GARDEN**
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  - JD 66 Rider
  - JD 100 8 h.p.
  - AC 420 20 h.p.
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JD 850 w/Blade 100 hrs.	$ 6,000
IH M Diesel	$ 1,200
JD A	$ 1,100
IH 1486 w/Duals	$19,500
IH 706 Gas, Excellent	$ 6,000

COMBINES

82 JD Sidehill w/15' Flex Head	$69,000
78 MF 750 w/Heads	$28,000
78 JD Sidehill	$40,000
77 JD 6600 Sidehill w/Cornhead	$29,000
68 JD 45	$ 5,000
White 8900 w/Heads	$29,000

JD 1978 Sidehill w/Heads Special Price

PLANTERS

JD 6 Row Consv. w/Liquid Fert.	$ 9,000
JD 4R MAX-EMERGE	$ 5,500
JD 4R MAX-EMERGE	$ 4,500
JD 1240 Plateless	$ 1,500
AC 6 Row #333 w/Notill Coulters	$ 6,500
Brillion 10' Roller Harrow	$ 1,100

TILLAGE

Ford Field Cultivator	$ 1,750
Pittsburg 12' 3 pt. Harrow	$ 590

HARVESTING

NH Super 717 Harvester	
JD 3800 Harvester w/3 heads	$ 5,500
JD 1209 Mower/Conditioner	$ 3,500

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Used 1440 Combine - 3 Years Old, Low Hours, We sold New, Waiver of Finance until Jan. 1, 1985

New IH 3388 2+2, 300 hrs.

ALL ABOVE USED EQUIPMENT IN EXCELLENT CONDITION

NEW TRACTORS

- IH 3088
- IH 884, 4WD
- IH 784, 2WD, w/TA
- IH 584
- IH 234, SOLD
- IH 484

Myers Hay Wagons For Sale
Flaired Sides,
90" Wheel Tread,
E-Z Trail Wagon, Priced Right

Call For Price On
New NH 489 Haybines,
NH 258 Rake, NH 488 Haybine, Kubota L275 4WD Tractor
These Items Are Priced to Sell

- JD 3800 forage harvester both heads, good for parts or fix it yourself
- Oliver 15 row grain drill, good cond.
- JD 110 disc
- IH 480 disc, new blades, w/cyl.
- NH 717 Chopper
- NH Super 717 Chopper
- NH 368 Flail Spreader, $950
- 105 Cub Cadet, hydrostatic
- IH 350 Diesel, fast hitch, power steering
- NH 425 Skid loader, like new, 450 hours
- Farmall "M" w/1701 loader
- IH 850 Grinder Mixer
- IH 990 Haybine
- JD 1209 haybine, late model, exc.
- IH B 414 Diesel, 3 pt.
- JD 2 row 3 pt. planter
- (2) Flat Bed Hay Wagons
- JD 3010, very good
- IH 56 Planter, 4 Row, Disk openers
- IH 440 Baler w/thrower
- Set of complete Deluxe fenders for '74 and '84 Series Utility Tractors
- JD 2510 diesel, in good cond., fresh engine
- IH 2400 Ind. tractor w/6 way heavy duty front mtd. blade - ideal for snow
- JD 50 tractor w/corn picker, power steering
- JD 34 chopper, new knives
- JD A, new crank shaft

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QUALITY LATE MODEL FARM EQUIPMENT

TRACTORS

- JD 4440 Diesel Cab, Air, Quad Range
- JD 4430 Cab, Air, Quad Range
- JD 4230 Diesel Cab & Air 76 Model
- JD 4030 Gas, Quad Range
- JD 4430 Dsl., WF, Rops new engine, very good
- JD 4240 Diesel Cab, Air, Quad, very nice
- JD 4010 Dsl., WF
- JD 3020 Dsl., WF, Dual Hyd.
- JD 3010 Diesel
- JD 2440 500 hrs., High Low Independent PTO
- JD 2030 Dsl., Independent, PTO, 1600 hrs. SOLD
- JD 1020 Dsl. w/3 pt.
- JD 730 Diesel, WF & Fenders
- JD 630
- IH 1466 Dsl. w/Cab & Air, very nice
- IH 1066 Dsl., Cab and Air, very nice
- IH 886 Dsl. Cab & Air, 1100 Hrs., Very Nice
- IH 656 WF, 3 pt.
- Case 1194 (New, Special $9800)
- MF 265 Dsl., 1500 hrs., MP 15.5x38, very nice
- MF 180 Dsl., WF
- AC 200 Dsl. Cab & Air
- AC 5040 Dsl., 550 hrs.
- Bobcat Skid Loader

HAY EQUIPMENT

- JD 346 Twine Baler w/Thrower, like new
- MF 120 T Baler w/thrower
- JD 346 Wire Baler w/thrower
- NH 479 Haybine
- IH 1190 SOLD er Conditioner
- NI 279 9' Cut/ditioner
- NH 310 Baler w/thrower
- NH 56 Rake

CORN HEADS

- AC FG 430
- MF 24, 33, 43, 44
- JD 243, 244, 343, 443, 444, 643

HARVESTERS

- NH Super 717 w/2R corn head, very good
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- JD 35 w/540 PTO 1 or 2 row head

PLOWS

- JD 4 & 5 Base Semi Mtd.
- IH 710 5x20 Spring Reset
- IH 720 5x16 Spring Reset
- JD 2500 5x18 Spring Reset w/onland hitch
- JD 2500 5x18 Hydraulic Reset

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- JD 400, very nice
- Gehl 65, excellent
- NH 353 Like New

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- JD B 16x8 Double Disc Grass Seed, very good
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- NI 324 2 row wide w/Super Sheller, like new
- NI 319 2 row mounted 12 roll bed, like new
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Farm Bilt, 8x18 Bale Wagons, 8 Ton Gear, 11 L Tires $1850

DISCS

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- JD 4000 Double Offset 12'
- JD KBA 10'
- JD AW 10', very good
- Kewanee 18' Hydraulic wing fold, very good
- IH 501 12' Heavy Duty Disc.
- Dunham 12' Roller Harrow, Very Good

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- Sickle Bar Head to fit JD 34 Chopper

COMBINES

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- 1979 JD 4400 Diesel, cab and air, 700 hrs., like new
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- 1976 JD 3300 dsl., cab & air, choice of hds.
- JD 454 Row Crop Head

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(2) Ford 4000 1972,
Ford 4600 1976
Ford 5000 1969, SOS
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Ford 7000
Ford 7600
Ford 7600 w/cab, air & dual power
(2) Ford 7600 1976 w/cab, DP
Ford 7700
Ford 8600 1972 w/dual power
Ford 9600
Ford 9700 cab w/air, dual power
Ford TW 10 w/duals
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JD 1120 1969 hi lo
JD 2130 1975, w/cab
JD 2130 1974
JD 2130 1978, 4WD w/cab & heater
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JD 3130
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JD F145A - 5x16 Semi-Mtd. Plow
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IH 56 4 Row Planter
NH 10' Lime Fertilizer Spreader
Century 200 Gal. Trailer Sprayer
IH 13 ft. Roller Harrow
JD 896 Rake
JD 7 ft. Killifer Offset Disc Harrow
JD TWA 11 ft 24 Blade Plowing Disc Harrow
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JD 148 Loader
JD 34 Spreader
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JD 244 Corn Head
Woods RM 90 Rotary Mower
NI Cutditioner
IH 770 24 Blade Offset Disk

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JD 4050 Tractor With 4 WD } Call For Price
JD 215 11 ft. 5 in. Dura Cushion Disk Harrow
JD 215 12 ft. 10 in. Disk Harrow

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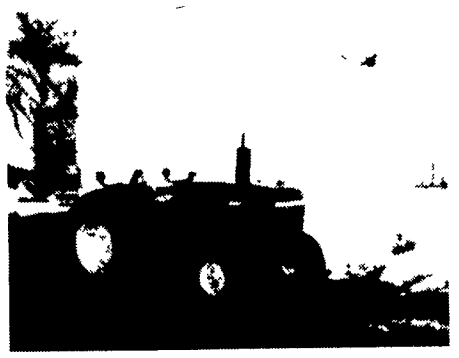
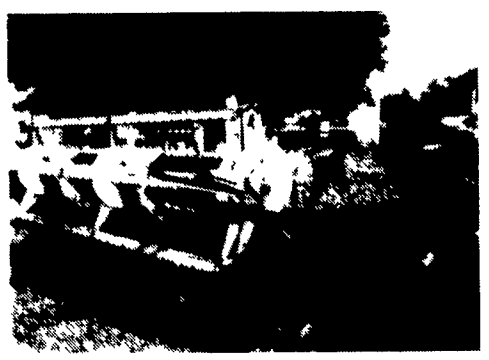
5184 Hours



2240 D Tractor
2500 Hours (1) Owner

4400 G Combine 1680 Hours
4400 D Combine 2510 Hours



800 JD Windrower
12 Ft. Platform

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Pre-Season Sale

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WAIVER OF FINANCE UNTIL 1/1/85 ON TRACTORS

JD 148 Loader Mountings- (2840-2940)
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JD 315 Disk Harrow 12'10" - Double Offset, 24" Blades
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INVENTORY REDUCTION SALE ON USED EQUIPMENT

1-Used IH 400 Planter, $1495
1-Used 3960 Harvester
1-Used 30" 3 Row Corn Head
1-Used IH 56 4-row Planter
1-Used 1240 Plate Planter, $795
1-Used 1240 Plateless Planter, $2000
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1-JD 2240D Tractor w/Enclosure
1-IHC "H" Tractor
1-IHC W6 Tractor
1-IH Cub Tractor w/cultivator & plow
1-Ford 8N Tractor
1-Ford 1100 D Tractor w/4 Wheel Drive
1-JD 4400 D Combine w/Grain Platform
1-JD 443 4 Row Corn Head
1-Used JD 800 Self Propelled Windrower
1-Used JD 30 Kicker
1-Used JD 14T Baler
1-Used JD 64 Blower
1-Used JD 65 Blower
1-Used JD 300 Elevator
1-Used JD 38 Harvester
1-Used JD 35 Harvester
1-Used JD 3 Row Corn Head
1-Used Hensen Cab Off 2630D Tractor
1-Used JD 2 Row 30" Corn Head
1-Used JD 1 Row Corn Head

1-Used JD 344 Corn Head for Picker
1-Used Grove 3 pt. Blade
1-Used JD 37 Loader
1-Used Farm Hand F20 Loader for 2010 Tractor
1-Used JD F125 3 & 4 Bottom Plows
1-Used JD F145 5' Bottom Plow
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1-Used Brillion Packer
1-Used JD 3 Section Spring Harrow
1-Used Pittsburg Disk Harrow
1-Used Athens Disk Harrow
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TRACTORS

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- 3159 IH 656 w/loader
- 2871 IH 1466 w/cab, new paint
- 1616 IH 1066 "black stripe"
- 5163 IH 1086 w/cab
- 5278 IH 826
- 5415 IH 544G
- 5306 J.D. 4430 w/cab
- 2845 JD 4430 w/cab, duals
- 2755 MF 1805 4WD duals
- 5410 MF 135
- 5456 Deutz 13006
- 5170 NH 775 skid steer loader

COMBINES

- NH TR 70
- 3047 JD 7720 w/4WD, chopper
- 5120 JD 7720 w/4WD, chopper
- 3053 JD 7700 w/chopper
- 3059 JD 7700 w/chopper
- 2622 JD 7700 w/chopper
- 3057 JD 7700 w/chopper
- 3058 JD 7700 w/chopper
- 5447 IH 1480
- 3180 IH 1460 w/cornhead, platform
- 2108 IH1480 reconditioned
- 3094 IH 915 w/platform

GOOD SELECTION OF CORNHEADS AND PLATFORMS

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- 5373 Ag-Chem 500 Gal. Poly Tank
- 5352 IH 500 Disk
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- 5277 IH 55 chisel plow
- 5312 IH 295 planter units
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- 5314 IH 470 Disk
- 5272 Miller 14' Offset Disk
- 1550 AC 2300 disc hyd. fold 20'
- 3111 Agrotec 200 gal. 30' sprayer
- 1657 Case K23 disc harrow 24'
- 5121 Dunham-Lehr 29' crowfoot packer
- 5117 Ferguson chisel plow 13 shank
- 5419 JD 22 Shank Chisel plow
- 395 Glencoe 14' soil saver
- 2202 IH 470 disc 18'
- 2763 IH 620 tandem full press drill
- 3098 IH 5100 drill w/dual hitch
- 5006 IH 440 baler reconditioned
- 5026 IH 1190 mower conditioner
- 5152 IH 200 cultivator
- 2872 JD 7x18 double disc drill
- 5083 JD 230 disc 24'
- 5045 Krause 2143 disc 42'
- 5457 Krause 2413 Disc 23'
- 2762 MF 7x18 drill
- 1512 Miller 8500 offset disc 26'
- 1385 Sunflower G-3-20 offset disc
- 2375 Tebbin sub-soiler
- 5241 Wil-Rich 2400 MP Plow, 7 Bottom
- 5216 NH 479 Haybine
- 5164 NH 479 Haybine
- 5381 NH 479 Haybine

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JD 2240 w/Loader
MF 265 Diesel
AC 190XT New Engine
IH Cub w/Mort Mower w/Plow
JD Cyclone B
Suzie Diesel w/Loader

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IH 990 Mower Cond
Gehl 9' Mower Cond
640 JD Rake
JD 214 Baler
NH 717 w/2 Row Head
NH 707 3 pt w/2 Heads
NH 880 No Heads

CORN PLANTERS
JD 7000 Wide Row Nice
JD 7000 Narrow Row
JD 1240 Plate Planter
JD 494A Planter
IH 3 pt Planter
JD 290 Planter
JD 2 Row Plateless

TILLAGE
JD AW 12' Disk
JD RWA 10' Disk
IH 370 11'5 Disk
3 pt Ford Disk
JD 325 - 3 Btm Plow

Super Special
Badger 220 BU Spreader
$4895.00

NEW EQUIPMENT SPECIAL

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(2) 504H Baler
(1) 504G Baler
(1) Hydraulic Drive Rock Picker
(1) 10' No-Til Grain Drill
(1) 21' Twin Rake
(1) NH 256 Bale Buster
JD Skid loader
Owatonna 540 Stack Hand

NEW VICON EQUIPMENT
(2) KM 321 Mower Conditioner 10' 6"
(1) KM 281 Mower Conditioner 9' 5"
(2) KM 240 Mower Conditioner 7' 10"
(2) CM 240 Mower 7' 10"
(3) RC 300 and 330 Tedder-Rake
(2) 16' Tedder
(3) Vicon Square Baler
(3) 600 lb. Spin Spreader
(2) Large Round Baler 1500 and 2000 lbs.
(2) Double V Rake
(4) Single 4 wheel Rake
(1) Tandem Axle 500 gal. Sprayer with Electric Controls

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Int. 205 w/grain head & corn head
Waiver to 1-1-85

USED TRACTORS
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AC WD
Ford TW-10 no cab, Ford 5000 w/Q.A. Loader w/1340 hrs.

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(1) Int. 400 Cyclo, 4-Row w/insecticide

USED GRAIN DRILLS
1 Ontario

NEW GEHL EQUIPMENT
G806 8 ton running gear
960 Forage Box w/roof
1540 Forage Blower

HAY EQUIPMENT
Used Deutz-Fahr Tedder-4 star
1190 9 ft. Mower Conditioner

In Stock New Deutz-Fahr Hay Tedders
2, 4 & 6 Star Machines

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IH 815-615-315-403-303-203-205-105-101-93-91 141-127-64-76
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Over 100 Corn & Grain Heads For Salvage

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IH 650-550-55-59-350-16-15
Fox 2200-2000-1000-546-FA
NH 880-818-800-S717-717-616
Gehl 600-300-188-84-83
Case 300
Ford & Papec

PICKERS - DISMANTLING FOR PARTS
NI 331-311-305-10-7-323
JD 237-227
IH 2MHD-2MH-2ME
Ford Blue 1 Row & 2 Row
Woods

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HAYBINES - DISMANTLING FOR PARTS
IH 225-201
JD 480
NH 490-460
Hesston PT10
OMC 29-25
Case 950

CONSTRUCTION - DISMANTLING FOR PARTS
AC HD3, HD4, HD5, HD6, I600
Case 310, 320, 530, 580, 680
Cat D2 5U
Cat D4 7U
Cat 933 11A
Cat 955H 60A
Cat 977 20A
Ford 4500
IH TD6, TD9, TD14A, T6
IH 340, 100C, 125C, 175C, 500
IH 350, 3444, 3400, 3600
JD 40, 420, 430, 440, 350, 450, 1010
JD 540, 540B Skidders
JD 544B Loader
JD 300, 400, 500
Oliver HG, OC3

(50) BALERS - DISMANTLING FOR PARTS
JD 336-214T-24T-14T
NH 280-271--269-78-69-68-67-66-77
IH 57-47-37-27-55-45
Oliver 720
MF10
AC 303
Case 230

FARM TRACTORS DISMANTLING FOR PARTS (Over 2000)
AC: 220-210-200-D21-190XT-190-D19-D17-D15-D14-D12-D10-WD45-WD-WC-G-CA-C-B-Etc.
Case: 970-770-1030-930-830-730-630-530-430-800 Series-700 Series-600 Series-500 Series-400 Series-300 Series-200 Series-DC-SC-VAC-LA-990-880-Etc.
Ford: 9600-9000-8000-7000-6000-5000-4000-3000-2000-900-800-700-600-NAA-Major-Dextra-8N-9N-Etc.
IH: 1466-1066-856-756-666-656-1206-806-706-606-660-574-454-464-444-560-460-544-504-424-404-450-400-B414-B275-350-300-240-230-200-140-130-100-Super A-Cub-154 LowBoy-Super C-A-B-BN-C-H-M-MD-MTA-W4-W6-W9-Etc.
JD: 4430-5020-4020-3020-2020-1020-2520-5010-4010-3010-2010-2510-1010- 435-830-730-630 530-430-820-720-620-520-420-80-70-60-50-40-MT-M-R-G-A-B-H-Etc.
MF: 1130-1100-180-175-165-150-135-Super 90-85-65-50-40-35-30-20-Etc.
Long: 560-460-445-360-350-Etc.
MM: G1000-670-302-445-335-5 Star-4 Star-3 Star-2-UB-U-Etc.
MH: 444-44-33-101-30-22-Junior-Pony-Etc.
Oliver: 1950-1850-1755-1750-1650-1550-1450-1250-1800-1600-880-770-660-99-70-60-88-77-66-550-55-Etc.

PARTS CALLS TAKEN 7:30 AM to 5:00 PM WEEKDAYS
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JD 650 4WD
JD 750 MFWD
JD 2350
JD 2640
JD 2750
JD 2950 MFWD
JD 2950 MFWD & Cab
JD 4050 RG, PS
JD 4250 Cab, PS

NEW EQUIPMENT
JD 1219 Mower Cond.
JD 712 Mulch Tiller, 11 ft. 3 in.
JD 1610 Chisel Plow, 8 or 10 ft.
JD 950 Roller Harrow, 12 ft.
JD 1250, 4-18" Plow
JD 415 Rotary Hoe
JD 327 Baler w/30 Ejector
JD 430 Round Baler
JD 450 Hydra-Push Spreader
JD 240 Loader w/73" Bucket
JD 66 Forage Blower
JD 716A Forage Box
JD 506 Rotary Cutter
JD 5½ & 7 ft. Hay Pick-up

USED EQUIPMENT
JD 24T Baler w/No. 2 Ejector
JD 2440 w/Hi-Lo, 900 Hrs.
IH 606 w/Loader
JD 1209 Mower Cond.
NH 479 Haybine
Row Crop Head 3 Row Wide
AC 600 4 Row Liquid Planter
IH 56 4 Row Dry
Grove Forage Wagon
JD Model 350 - 5 Bottom Plow
JD 3-14" plows
JD #18 Corn Picker
JD 216 Forage Box w/1065 Wagon
Hesston 1090 Haybine, 9 ft. 3 in.
JD 480 Mower-Conditioner
JD 40 Spreader w/Rear Pan
JD 65 Rear Blade, 7 ft. like new
Ford 340 Skid Steer Loader
Flatbed Utility Wagon
JD 2 Row Wide Corn Head

Grimm Hay Tedders On Stock Parts Available	50" & 60" Bale Bags On Stock

Miller-Lake, Inc.
R.D. #2 Box 273A
Belleville, PA 17004
Ph. (717) 935-2335
JOHN DEERE

WENGERS INC.

LONG

251 SOUTH RACE STREET, MYERSTOWN, PA 17067

PHONE: 717-866-2135

NIGHTS, PHONE: 717-866-7147 or 717-273-9089

FINANCING AVAILABLE WITH 20% DOWN - UP TO 5 YEARS

JOHN DEERE TRACTORS

4020D Powershift-As Is $4900
4020D w/Duals $6800
4020D-Powershift-Console $6400
4020D-As Is $4600
4230-4 WD-Cab-Quad-Excellent . . . $16,800
4430-4 post-20.8x38-1975 . . . . . $7900
4430-4 post-20.8x38-1975 . . . . . $7600
730D-Try-3 pt.-Direct Ele. $3500
4520 - Nice. $8800
430 Utility-3 pt. $2950
720D-Try-3 pt.-Very Nice. $3500
330-Utility-Clean-3 pt. $5850

FARMALL TRACTORS

1466-Cab-Air-Nice $10,800
1066 . . . . . Coming in
560D-FH-WF-Nice $3500
Cub w/Cultivator $1650
340-Try-PS-FH-Nice. $2950
404-Utility-3 pt.-Nice $2950
B414-PS-Utility-3 pt. $2950

OTHER TRACTORS

Case 1070 w/Cab $5200
AC B w/plow, cult.-nice $1895
Ford 9600 w/Cab-As Is. $5500
Case 830D-WF-3 pt. $4800
MF 30 w/Loader . . . . . Coming in
AC D19D-WF $3500
Oliver 1800D-WF-3 pt. $3900
MF 1130D-As Is $4500
Long 560-4 WD-w/Loader $6800
Ferguson 30 . . . . . $1650

NEW TRACTORS

Mitsubishi Bison 4 WD
Case 1190
Long 310 4 WD w/Loader
Long 360-4 WD
Long 460-4 WD

HARVESTER HEADS

NH 2x30 for 717 or770
NH 1X for 717 or 770
NI 1X Snapper for 717 or 770
NH 717 or 770 Pickup Attach.
NH 2x30 Snapper for 880 or 890
NH 3x30 for 880 or 890
NH 818 Pickup Head
JD 243 Snapper Head
JD 3x30 Chopper Hd.
Fox Pickup Head
Fox 2x30 Cornhead
NH Cutterbar for 717 or 770
NH 3x40 Chopper Head
Fox 2x30 Snapper Head
Fox 2x40 Snapper Head
Fox 3x30 Snapper Head
Gehl 2x30 Snapper Head
IH 2x30 for 50-550-650 etc.
IH Pickup Heads for 50 to 650
IH Sickle Bar for 50 to 650
IH Pickup for 15-16-350
NH 2x30 for 880 or 890
JD 2x30 for 38
JD Pickup for 38

SPREADERS

NH Tandem Axle
IH Cub
NI 217

HARVESTERS

NH 890

CULTIVATORS

IH 2X for "C"
IH 4X 3 pt.
JD RM4-4X 3 pt.
IH Cub 1X
IH 2X For H or M
JD 2X For H
JD 2X For 420
(2) 2X 3 pt.
(2) IH Super "A"
IH 468 4X Front Mtd.
Pittsburg 6X 3 pt.

COMBINE CORNHEADS NARROW ROW

AC A330, FL330, LM430, G430, C II 430, C630
JD 313, 334, 434, 435, 343, 643, 443
IH 329, 429, 733, 743, 833
MF 321, 33, 43, 63
NH 4x30, 4x30 QT
Oliver 3x30, 4x30, 703N, 704N
Case 3x30

DISC'S

Kewanee Rock Flex
JD KBA 28 Transport
IH 10' Transport
JD KBA 28 Drag

BALERS

NH 315 w/Thrower
NH 77
JD 24T

CABS FOR THE FOLLOWING COMBINES:

IH 815, 615, 315, 403, 303, 203
JD 4400, 3300, 55, 45
MF 760, 510, 410, 300
AC C II, E
Case 660
NH 975
NI 701, 702
Oliver 535

COMBINE CORNHEADS WIDE ROW

AC E240, E III 240, KL238, A240, C440, G440
JD 205, 210, 234, 235, 334, 434, 244, 344, 444
IH 227, 228, 229, 724, 327, 429, 744, 824
MF 22, 222, 322, 422, 24, 44
NH 2x40, 4x40 QT
Oliver 2x40, 3x40, 4x40
Case 2x40, 4x40

SPECIAL PRICES ON ALL NEW EQUIPMENT

ROTARY MOWERS

4' 3 pt $385
5' 3 pt. $395
6' 3 pt. $645
7' 3 pt. $1295
4' pull. $545
5' pull. $595
6' pull. $795
7' pull $1495
5' 3 pt. Estate-Hd $1295
6' 3 pt. Estate-Hd $1395

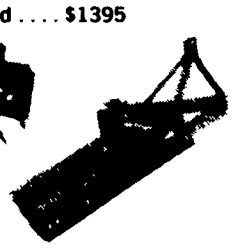
3 PT. ROTOVATORS

55" HD. $1295
60" $1095
72" $1395
88" $1695

MORE SIZES AVAILABLE

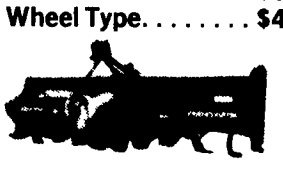
OTHER NEW BARGAINS

6½' 3 pt. Disc. $495
1 Row 3 pt. Cultivator $95
3 pt. Potato Plow $95
3 pt. Boom Pole $79
3 pt. Boom Pole - HD $179
12" 3 pt. Post Hole Digger. $495
9 Tooth 3 pt. Chisel Plow $495
3 pt. PTO Woodsaws $450
3 pt. Seeders $395
2 Axle 4 Ton Trailers $1450
1200 Bushel Corn Crib $895
3 pt. Hay Rakes - Wheel Type. $495



3 PT. SCRAPERS, ETC.

6' Blade $175
7' Blade $195
8' Heavy Duty Blade $595
6' Landscape Box. . . $495
7' Landscape Box. . . $595
6' Stone Rake $495
7' Stone Rake $550
8' Stone Rake $595



NEW IDEA UNI SYSTEM ATTACHMENTS

731 4x40 Cornheads
844N Cornhead
743N Cornhead
725 & 735 3x30 Cornheads
High Moisture Throat
766 Pickup Head

CLEAN COMBINES

MF 510 Diesel QT
JD 45 SB
Oliver 525

GRAINHEADS

25 on stock to fit most Makes and Models

WAGONS

Feeder Rack w/Gear
(3) Metal Bale Throw Racks
(4) Flat Bed Wagons
Gehl Forage Wagon

CORNPLANTERS

IH 400 4X No Til
IH 2X Fast Hitch
Ford 6X Pull
JD 1240 Plateless
JD 246 - 3 pt.

SPRING TOOTH HARROWS

JD 8' Drag | 12' 3 pt.
11' Drag

FLAIL CHOPPERS

NH 36

LOADERS

Ford Off 8N
JD Off 300
Freeman Of 880 Brown
IH 2000 Off 504
AC Off 1600
IH Off 464
Davis Off 800 Ford

MOWERS

NH 451 Sickle
Oliver 3 pt. Sickle
Brillion 7' 3 pt. Flail
Mott 4' Pull w/Engine
Bush Hog 13' Rotary
Imco 6' Pull Rotary
IH 27 Semi Sickle
Modern 7' Pull Rotary
MF 3 pt. Sickle
JD 38 Sickle
(4) Ford 3 pt. Sickle
Mott 3 pt. 6' Flail
JD 9W 3 pt. Sickle
Woods 42" For Cub
JD 6' 3 pt. Flail
JD 5' 3 pt. Rotary

MISC. EQUIP.

JD Tedder
IH Cub Snow Plow
(3) NH PTO Bale Thrower
2X Pull Transplanter
4X Pull Stalk Chopper
Toro Thatcher & Vacuum Combo
Lely Pull Fertilizer Spreader
IH Super A Side Dresser
IH Cub Side Dresser
IH Cub Fast Hitch Attach
Kuhn PTO Tedder
Lely Roterra
Clay 1500 Gal. Honey Wagon w/Injectors
Danuser 3 pt. Post Hole Digger
2X 3 pt. Transplanter
1X Pull Transplanter
Niemeyer PTO Tedder
(2) Grimm Tedder
Nickelson Tedder

CHISEL PLOWS

9 Tooth 3 pt.
Landoll 10' Mulch-Chisel
11 Tooth 3 pt.
12 Tooth 3 pt
7 Tooth 3 pt.
10 Tooth 3 pt.
5 Tooth V Chisel
Taylor Subsoiler

SHELLERS & GRINDERS

JD 43 3 pt. Sheller
MM 1200 Sheller
NI 315 Sheller Attach
NI 314 Sheller Attach.
NI Super Sheller Attach.
NI 317 Grinder Attach.
NI 318 Grinder Attach.
IH 234 Sheller Attach.

CULTIPACKERS

Brillion 14' w/Transport
9' Sprocket Packer
Brillion 12' Mulcher
Brillion 10' Packer
JD 8' Mulcher
Brillion 12' Packer

TRUCKS

1974 Ford Single Axle Diesel Tractor . $6300
1970 Ford 900 Single Axle Construction Dump $7700
1977 Chevy Pickup $2250
1947 Ford Fire Truck . . $2950
1976 Ford Louisville Diesel w/24' Rollback $22,500
1982 Ford Pickup . $6950
1981 Chevy Pickup $6950

HAYBINES

NH 488

POTATO EQUIP.

Oliver 1X PTO Digger
Iron Age 2X Planter

PLOWS

JD 1350 5x16 Semi
JD 3x16 3 pt. Trip
(2) JD 2x16 3 pt. Trip
PITTS. 1x12" 3 pt.
Ford 2x3 pt. Trip
JD 1X Reset Add On
AC 3X SC
MF 3x16 Rollover
Oliver 2X 3 pt.
Ford 2X 3 pt.

FIELD CULTIVATORS

IH 12' 3 pt.
JD 12' 3 pt.
JD 18' 3 pt.
Glenco 13' 3 pt.

ROLLBARS & CABS

Case 1070 Cab
IH 2 Post w/Roof
JD 2 Post w/Roof
JD 4020 Cab
DB 1200 Cab
Ford 9600 Cab w/Air
Case 1030 Cab

CONSTRUCTION EQUIPMENT

NEW 1984 TRAILERS ON SPECIAL

• 2 Axle, 4 Ton, 14 Ft. $1395

BACKHOES

Ford 4500 . . . $9600
Ford 5500 $12,800
IH 260A. $14,900
IH 3414 . . $6900
Ford 800 . . $5600
IH 3514 . $6600
Case 580C $21,700
Case 580C $20,600
Case 580C $19,800
Case 580C $18,400
IH 3500 . . $8800

OFF ROAD ROCK DUMPS

(4) Mack 25 Ton Rock Trucks From . . $38,600
(3) Mack 20 Ton Rock Trucks $84,700

FORKLIFTS

Int 7000-21' $10,700
Int 4500B-21' $12,600
4000 lb, Solid Tires, Side Shift $2800

SKID STEER LOADERS

OMC 1700 Diesel $6400
IH 4150 Diesel $8300
Melroe 720 . $7200
Case 1737 . . $5700
Gehl - As Is . . $1900
Melroe 731D $7800
Case 1740D $6200

CRAWLER LOADERS

JD 350B w/Backhoe. . . $16,600
Cat 977L. . . . $64,800
IH 125E. $23,700
Cat 941 w/4 in 1 bkt. $23,700
Cat 941 - $19,800

RUBBER TIRED LOADERS

OMC 770. . . . $16,300
Ford A62 . . . . $26,200
AC 605B . $27,600
Case W20 . . $28,300
AC 4WD $6900
AC 840 . . . . $18,700
Case W14 . $21,100
AC 840 . . . . $19,400

DOZERS

JD 350C 6 Way . . $18,600
JD 430 . $4800
Cat D8H $24,700
Cat R2 . . $2600
Oliver OC3 . . $1900
IH TD7E 6 Way 1977 . $19,600
Cat D4C . $12,700
IH TD6-62 Series $5900
IH T6. . . . $3400
Case 350B-6 Way-1979 $18,200
Case 350B-6 Way . $18,600

LOG SKIDDERS

JD Log Loader . . $4300
JD 540A. $9600
JD 540B . . . $24,700
JD 540A $11,800
JD 440A. $8800
Clark 666B w/Grapple $17,700
JD 540 . . . . . $9600
JD 440A. $8400
JD 440B . . . $12,400

TRACTORS WITH LOADERS

IH 2400 . $7600
MF 50A $5900
Ford 4400 . . $6400
JD 301A . $6700
Long 560 4WD $6800

BACKHOE ATTACHMENTS

JD - Ford - IH - Case - AC - Long - McConnel

TRAILERS

1984 3X 18 Ton $6800
1984 2X 4 Ton . $1500
1984 3X 9 Ton . $4400
1984 2X 12 Ton $5800
1983 2x6 Ton . . $3600
1977 10 Ton 5th Wheel . . . $3900
(2) 1979 Strick 40' Flats $6900
1977 Phelan 40 Ton Low Boy $14,600
1980 12 Ton Tilt Top. . . . $6100
1973 6 Ton Tag-A-Long. $1800
1977 1½ ton. . . . $400

EXCELLENT SELECTION OF AFFORDABLE USED EQUIPMENT

FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT

NH SPREADERS

NH 271 w/THROWER

JD 24T w/THROWER

IHC 56 4 ROW

IHC CYCLO 400 6 ROW PLANTER

NH V-TANDEM RAKE HITCH

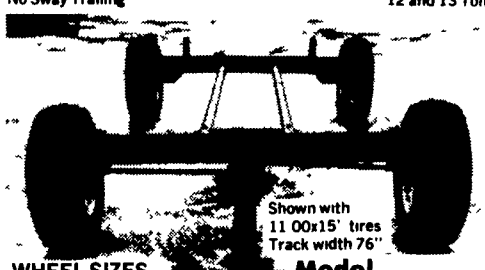
TRI-AXLE 18,000 Lb. 24 FT. TRAILER

MUSTANG SKID LOADERS

SHEETS BROS.
New Holland, White
1061 Carlisle St.
Hanover, Penna.
717-632-3660

HORST FARM WAGONS
FOUR 4 WHEEL MODELS
7 9 10 and 14 Ton Two 6 Wheel Models 12 and 13 Ton

HORST WAGONS with the honest ton rating and No Sway Trailing

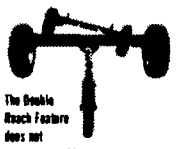


Shown with 11 00x15' tires Track width 76"

WHEEL SIZES
6x15 3000 lb cap
6x16 3000 lb cap
8x15 3800 lb cap
8x16 3800 lb cap

Model No. 180 - 9 ton
Wide Track Heavy Duty Wagon
Ideal for Forage Box and other applications
25 years of field service have proven the Double Reach Feature
It eliminates the problem of bent reaches All models have Taper Roller Bearing Tongue Mount and Ball in Socket Rod Ends
A proven feature for long life no sway trailing

Horst Farm Wagons have short turning radius



The Double Reach Feature does not cause any problem about flexibility

John N.M. Zimmerman
RD 6, Lebanon, Pa. 17042
Phone 717-933-8181 or
717-933-4032

USED TRACTORS

JD 4430 cab, air, Quad range sharp
JD 4430, power shift, roll guard
JD 4320, no cab
JD 4230 cab, air, Quad range
JD 4520 w/cab & duals
JD 4230 w/roll guard
JD 40 SOLD Syncro, 1972
JD 4020, power shift
JD 4020 Syncro w/cab
JD 4010
JD 2840 w/cab
JD 2640
JD 2240
JD 2630 diesel
JD 2020 diesel
JD 2510
JD 3020 Diesel, Syncro
JD 2 SOLD
JD 950 1000 hrs.
Int. 1066 w/cab
IH 966, cab and air
IH 966 w/ SOLD guard
IH 1026 hydro
IH 766 w/cab
IH 1256 w SOLD
IH 656 wide front
IH 574
IH 544 diesel
IH 560
IH 284 w/mower
Ford 9600 w/cab & duals
Ford 535 w/loader 1,000 hrs.
Ford 5000
Ford 4000
Ford 3000 Diesel Sharp
Ford 2600
Ford 2000
Ford 850
AC 7030
AC XT 190 w/cab
AC 210 diesel
MF 1105
MF 175 Diesel
David Brown 1200 w/loader

GRINDERS & MIXERS

Gehl 120
Gehl 95
Gehl 65
IH 1150

USED COMBINES

JD SOLD Diesel
JD 55 corn special
Oliver 525 w/2 heads, exc. cond.
NI 702 tractor w/710 combine
NI 702 w/chopper & 3 row head
JD 4400, 1979 model, sharp

USED PLANTERS

JD 7 SOLD Row narrow, like new
JD 7000 4 row liquid fertilizer

USED HARVESTERS

Fox 2 row snapper head
Used Moridge grain dryer
Late Model NI 702 uni tractor w/767 Super Chopper, 3 row head & pickup head
Fox 2000
Fox Custom 90
NH 770 w/2 heads

MISCELLANEOUS

JD power till grain drill
NH 278 baler
1975 Chevy Tandem w/20 ft. grain body & hoist, PS, air brakes, Detroit 653 diesel
Keewanne 14 ft. Rock Flex Disc w/26" blades
JD 7 btm., on land hitch, hydraulic reset plow
JD 30 ft. Implement Trailer
Large selection of smaller discs
Large selection of plows from 3 to 7 bottom
Gehl 4400 skid steer loader
JD 1207 haybine
New Farmhand loaders for IH and JD tractors
Gehl 88 SOLD ybine
Gehl 10 SOLD ybine 7 ft. new
NI 2 row wide pull type corn picker w/12 roll husking bed, excellent
Brillion 15' roller harrow, like new
New & Used rotary hoe's
Gehl 1500 Round Baler

D & R EQUIPMENT INC.
Ringoes, New Jersey (201) 782-5082

g-Industrial Equip. Co.

ALLIS-CHALMERS KUBOTA JCB Bullon bobcat SPERRY NEW HOLLAND

TRACTORS

AC 7060 PS
AC 7040
AC 7030
AC 5040 w/loader
AC 6060 w/loader, 4 wheel
AC 190
AC WC
Case 930
JD B
IH 656H
David Brown 1212
Case 2390
Kubota B8200
Ford 9 N w/Loader

COMBINES

AC CII w/2 Hds.
AC F330 Corn Hd.
AC G440 Corn Hd.
NH TR70 w/960 & 962W4
NH TR70 w/13' Flex Hd. & 962N6
NH 970 Gr. Hd.

LAWN & GARDEN

AC B-10
AC B 208
Simplicity 728
Jacobsen GT-10
Hesston H180
Cad SOLD)
Cub SOLD wer
AC HB 212
AC 808
Ford Riding

SPREADERS

Badger 230 Tank Liquid
Badger 325 Tank w/pump
NH 365 Tank flail
NH 791 Box
Lely fertz

BALERS

MF 12 w/thrower
Hesston 4600
NH 845 Round
NH 276 w/thrower
NH 278 w/58 Thrower
NH 846 Round
Ford Baler

MOWER CONDITIONERS

(2) NH 1495 SP
Case 955 Windrower
Hesston 1014 Windrower Hydro S.
Hesston 620 Windrower S.P.
Woo SOLD 1306
NH 489
IH 990
NI M SOLD ioner

MOWERS

(2) NH 462 Disc
NH 450
JD Side Mt
Bushhog Batwing
Bushhog 7' 3 pt.
JD 25A Flail
Woods RM48

WAGONS

(3) NH #8 Crop
Hesston 30A Stacker
NH 1010 Bale

PLANTERS

AC 600 4R
AC 7R Bean

FORAGE EQUIPMENT

FQ SD7655 w/4R Corn & 4R snapper
FQ 7600 w/R W, 4R N & WPU
Hesston FA-7 Hd
NH 822 C Hd
NH 770R2
NH 919 A4
NH 890 EN2
NH 890N3
NH 890A
NH 880 WPU
NH 880R2
NH 1895 3RN & WPU

MISCELLANEOUS

AC 5 Btm 18" Plow
NI 324 Super Sheller
Brillion STS10 Transp. Harrow
NH 28 SOLD
NH Straw Chopper
Brillion 10 ft. Cultipacker
Lely Rotara
Badger Elevator
Kubota 1102 Engine
Kubota EA600NB Engine
BerVac S-60 Snowblower
NH 354 Grinder Mixer
NH 358 Grinder Mixer
Moore Grain Drill No til
NH 85 Bale Handler round
Wisconsin TFD Engine
Badger Blower

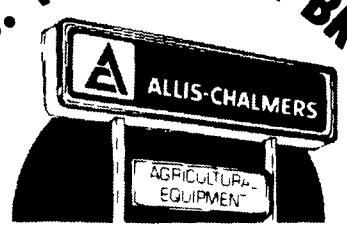
LOADERS

JD 2010 Crawler Dozer
Mitey Mac 8C
(2) NH 425
NH 445 w/Deutz Diesel
NH L775

Call Ed Greenleaf, Sam Siple
Peck Ramsay
Service Call Terry Greenleaf
1207 Telegraph Road, Rt. 273 Rising Sun, Md.
301-658-5568 301-398-6132
215-869-3542
Immediate Financing
Hours Mon thru. Fri. 8 to 7 Sat 8 to 4
CLOSED SUNDAY

AVCO NEW IDEA

C.J. WONSIDLER BROS.



SPERRY NEW HOLLAND

BRANCH
Rts 309 & 100
New Tripoli, PA
(215) 767-7611
Mon -Fri. 7.30 A.M - 5:00 P M
Sat 7 30 A.M. - 12:30 P M

★ 3 LOCATIONS ★
Trumbauersville to Finland Rd., Quakertown, PA
(215) 536-1935 or 536-7523
Mon.-Fri. 7:30 A M - 9 00 P M
Sat. 7.30 A.M - 4 00 P M

BRANCH
Lobachsville, Oley, PA
(215) 987-6221 or 987-6257
Mon -Fri 7 30 A M 5 00 P M
Sat 7 30 A M - 12 30 P M

$300,000.00 USED COMBINE INVENTORY.

We have one of the largest used combine lots on the East Coast Due to large sales on new AC Gleaner combines, we have many preowned combines in stock and ready for you.
Call today & save thousands of dollars or use our low finance program

COMBINES

JD 8820 w/950 hrs., cab, air & heat, 15' floating grain & 830 corn heads, like new!
JD 55 Special w/cab, 12' grain & 330 corn heads
JD 55 w/12' Grain & 338 corn heads.
JD 45 w/both heads
JD 45 w/grain head
Gleaner N5 w/15' floating grain & 630 corn heads.
Gleaner L2 w/cab, air/heat, 15' grain & 630 corn heads, lo hrs.
Gleaner M2 w/cab, air/heat, 15' grain & 4-row corn heads, lo hrs
Gleaner MKS w/13' grain & 630 corn heads
Gleaner F2 Diesel w/cab, air, 13' grain & 438 corn heads
Gleaner KKS w/cab, 10' grain & 238 corn heads, excellent!
Gleaner CII w/13' grain & 438 corn heads
Gleaner AII w/cab & both heads
Gleaner AII w/12' Grain head
Gleaner E w/cab & both heads
MF 300 w/11' grain & 238 corn heads
IH 315 w/cab, grain & corn hds
NH 975 w/11' grain & 238 corn heads
NI Uni-System 702 w/717 combine, 4-row corn head
NI 767 Chopper w/702, 2-row corn head & 761 Pick up

TRACTORS

JD 4010 D w/PS
JD 4010
JD 3020 D w/cab
JD 3010 D
JD 730 Wide front end, 3 pt
JD 60
JD B
AC 7040 PS, w/cab
AC 7020 PS, w/cab
AC WD45
AC WD
Long 610 D, only 600 hrs
IH 460 D
Farmall 400
MF 135
MM G1000 D

BALERS

NH 315 w/thrower, like new
NH 271 PTO w/chute
NH 271, wire tie, PTO
(2) IH 440, w/thrower PTO
MF 10, w/thrower, PTO
JD w/thrower
AC 443 w/chute, PTO
NH 23 Blower, PTO
NH 26 Blower, PTO
NH 30 Blower, PTO
AC 63 Blower, PTO

GRINDER/MIXERS

NH 352, 80 BU., PTO, EX!
NH 352, 80 BU., PTO, GOOD!
NH 351, 100 BU., PTO

MANURE SPREADERS

NH 676, 325 BU
NH 516, 175 BU., 3 beater
MH 510, 160 BU.
NH 213, 140 BU.
(2) NI 218, 265 BU
(2) NI 214, 206 BU
NI 213, 176 BU.
Farmhand M165, 125 BU
Badger BN 240, 180 BU
NH 365 Tank
(2) Hawk Bilt 207 Tank

TILLAGE

JD 13' Transport Disc
AC 2300 Disc Harrow-17' Hyd Fold up
AC 2300 Disc Harrow-15' Fold up
IH 13' Transport Disc
Oliver 6B Spring Trip Plow
AC 80 Series 4B Mtd., 3 pt plow
Brady 10 Tooth Chisel Plow, w/gauge wheels, like new!
Vicon 14' Power Harrow, demo!
AC 600 Air Champ 4-row corn planter
AC 600 Plate 4-row Corn planter

HAYBINES

(2) NH 469
NH 460
JD 9' Mower Conditioner
MF 81 9' Conditioner
(2) AC 904 9' Mower Conditioner
Hesston PT 10 9' Conditioner
Hesston 9' Hydro spring

JOHN DEERE DESIGN, DEPENDABILITY AND DEALERS MAKE THE DIFFERENCE

CHECK THESE SPECIALS — CALL RIGHT AFTER 7 A.M. FOR INFORMATION & PRICE

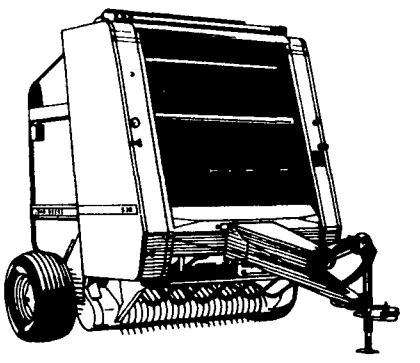
JOHN DEERE ROUND BALER DEMONSTRATION

PLACE: MOSES BEILER FARM-WILLOW STREET, PA.
DIRECTIONS: Corner Route 222-Beaver Valley Pike across from Willow Street Diner.
TIME: 1-4 PM.
DATE: July 2 or 3 (Depending on crop condition.)
CALL: LANDIS BROS. INC. SALES OFFICE 291-1046 to verify baling day.

See for yourself how automatic the John Deere 430 Round Baler is to operate. Roll up an even bale as the electronic Bale-Trak monitor helps guide your driving pattern over the windrow.

Also, see and operate the the John Deere 227 Square Baler with 30 Bale Ejector.

JOHN DEERE CO. PERSONAL ON HAND!



USED EQUIPMENT SAVINGS
Our Good Prices Become Great Deals With Interest - Free Financing

Buy a reliable used tractor or combine from us and you'll get a fair price . . . and a special bonus.

Used Tractors. Buy any make or model used agricultural tractor from our selection and put it to work right away . . . but pay no interest charges until July 1 if you finance with John Deere.* You get the benefit of added power and productivity interest-free from now until July.

Used Combines. Buy any make or model used combine . . . with or without header . . . now when selection is best. If you finance with John Deere, no interest will be charged until January 1, 1985.*

That means you get this year's harvest use of the combine interest free!

True value. Remember, price is actually secondary. Used machinery has to be good machinery or it won't be of much use to you. Many of our tractors and combines have been carefully inspected and thoroughly reconditioned. It's the real reason our good prices are such good deals . . . and special financing makes them great deals. Stop by the store and check out our fine selection of reliable and productive used equipment.

*Availability of John Deere financing subject to approval of Credit.

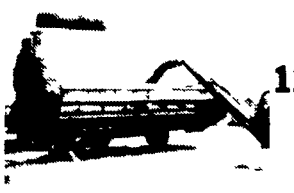
USED SPRAYERS
JD 520 Pull Type w/30' Boom
JD 535 Pull Type w/30' Boom

Owatonna 1700 Mustang Skid Loader

NEW JOHN DEERE HAY TOOLS IN STOCK

327 - Baler w/30 Ejector	430 - Round Baler
337 - Baler w/30 Ejector	1219 - Mow/Conditioner
347 - Baler w/30 Ejector	1327 Mow/Conditioner
	660 - Side Hay Rake

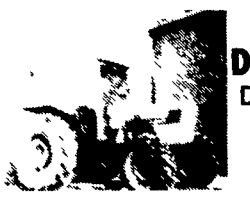
USED HAY TOOLS
JD 430 Round Baler (like new)
NH 567 Baler w/Thrower - Priced at $595
MF #3 Baler - Priced at $175
Hesston PT10 Mow /Cond - Priced at $850



JOHN DEERE 12-14 HYDRA SWING MOWER CONDITIONER
Reduced to $1,350

JOHN DEERE 2440 TRACTOR
Ind. Live 540-1000 PTO, Sngl. Hyd. Control, 8 Pos. Cast Whl., H.D. Straight Front Axle
Priced at $12,950

JOHN DEERE 2640 TRACTOR
Rollguard w/Weather Enclosure, Sngl. Hyd. Control, P/A 16.9-28 Tires
Priced at $15,500



DEUTZ 6807A TRACTOR
Dsl, 1981, Cab, MFWD, Radio
was $16,900
Reduced to $15,900

FORD 600 TRACTOR
w/3 pt. Hitch
(No Top Link)
Priced at $2,750

FARMALL 504 GAS TRACTOR
w/WFE, Fast Hitch, Repainted
Priced at $4,500

USED JOHN DEERE 7720 DSL COMBINE

4 yrs old 1450 hrs cab w/air heat AM FM radio auto HHC low shaft mon straw spd w/215 flex plat 643 corn head excellent condition Finance JDFP No Finance Charges Until Jan 1 1985

MF 82 SELF-PROPELLED
10 ft. Platform
2 RC Head

JOHN DEERE 4640 TRACTOR

w/SGB Air/Htr., Dual Outlets Quik-Coupler, AM-FM Radio 24.5-32 10 P Rear Tires
Priced at $36,900

JOHN DEERE 2940 TRACTOR
80 HP, MFWD, Cab, w/LEON H.D. Loader
Priced at $36,000

JOHN DEERE 1520 GAS TRACTOR
Live PTO
Priced at $5,300

JOHN DEERE 1530 DSL TRACTOR
Live PTO
Priced at $7,500

Our Selection of Used Tractors

JD 4640 Dsl. Quad, S.G. Body A/H w/Radio, Dual Outlets- Quik Coupler	JD 2640 w/Roll Guard and Enclosure	JD "G"
JD 2940 MFWD, Cab w/Leon HD Loader	JD 2440 Dsl.	MF 65 Dsl, Row crop
JD 2940 Dsl, TSS Hi-Lo Trans.	JD 4430 Q/R w/4 Post Roll Gard	Ford 600
	JD 1530 Dsl.	DEUTZ 6807A Dsl., Cab, MFWD, AM-FM, tape
	JD 1520 Gas	IHC Farmall 504 Gas, WFE
	JD 3010 Dsl, Row Crop	

JOHN DEERE 4430 TRACTOR
Quad Range - 4 Post Rollguard, 20.8-34
Priced at $17,500

LANDIS BROS., INC.

1305 Manheim Pike, Lancaster, PA 17601
Phone -717-291-1046

FARM EQUIPMENT

FOR SALE
JD 3010 w/wide front
Same 70 w/4 WD
NH 325 Skid loader
JD 2440 w/146 loader
JD WF
MF 1135 w/duals, cab & air
MF 1155 w/cab & air
IH 3200 Skid Loader
MF 550 combine w/1143 corn head
Bushhog 12' Chisel plow
418 Automatic reset plow
4 irrigation pumps
8,000 feet 6 inch irrigation pipe
6 field cultivators from 10'-24'
NI 218 Manure Spreader

L & M BURKHOLDER
Ephrata, PA.
717-859-2960
717-859-2712

NH L-35 Skid Steer Loader, 2 buckets, 800 hrs., $12,500
I-84 diesel row crop, 850 hours, $13,450
F 300 gas, power steering, 2 pt. hitch, $1,450
Farmall M, live hyd. & power steering, $1,850
F Super H $1,375
F-H $875
F 560 gas, As is, $2,200
F 300 gas, PS, 2 pt. $1,450
AC WD 45, $800
AC B w/cultivator $875
IH 550, 5x14 semi mount plow, $875
IH 420, 3 bottom, 16" plow $695
IH 453 cultivator, 4x38 trip shovel $850
6 ft. 3 pt. hitch disc $350
IH 37 disc, 10' with cylinder, $750
IH 412, 4 bottom 14" plow, 2 pt. semi mount $475
Ontario single disc drill, $550
JD grain drill, 13x7 single disc, $795
AC 500, 4 row planter as is, $725
IH 249, 2 row $450
JD 494-A, 4x38 $1,400
IH 1190 mower conditioner $4,125
IH 990 9' mower conditioner, $2,450
NH 270 Baler w/thrower, $1,400
IH 1190 mower conditioner $4,500
AC 303 Baler w/thrower $1,295
NH 67 baler w/thrower, $975
Hesston PT 12, 12' mower conditioner $1,200
Fox Blower, $750
IH 56 Blower, $850
IH Semi Mount hitch balance head mower, $800
MF 510 combine diesel hydro, air condition cab, quick attach header, 4x30 corn head, 13' grain platform, $20,800
JD 30 Combine, $950
IH 76 Combine, $400
IH 540 spreader, $1,750
Gehl grinder mixer, 120 bushel, $2,475
Hesston forage harvester, 1 row head and pickup, excellent, $4,800
Gehl CB 600 forage harvester, 2 row corn and pickup head

INCH EQUIPMENT CO.
East Main St.
Box 247
McAllisterville, PA 17049
717-463-2191

Tractors & Equipment Just Traded & Purchased - New JD 2440 D for $13,900, New JD 4440 SG, Cab, PS; New JD 4440 SG, Cab, Quad; Used JD 4440; C.A. PS, original, real nice; New JD 2950 C.A., 4 wheel drive; (SOLD); New JD 6-row conservation planter w/liquid fert., inst., & monitor; Price for $12,900. New JD hay pickup head, $1,700; JD 4030 SG, Cab, Air, Quad, real nice; JD 4020 w/WF, 2 valves, new motor & original paint; JD Loader; 4430 CAQR. JD 5020 w/Dual Wheels, JD 4320 w/cab; Farmall 186 Hydro Cab & Air; 706 Gas WF, TA, FH. Original. Super M; IH 3788 2+2 used 700 hrs.; IH 3588 2+2 w/800 hrs.; Farmall 656 D, WF, TA, motor rebuilt; White 4-150-4 WD for $11,900; JD 4020 side console, Farmall 656 Hydro D., real good, Case 1030 D 3 New MC; 9 ft. cut/ditioneer, $4450.00; New MC 7' for $3900.00; Used NI 279, cut/ditioner; Used NH 477 & 467 7' Haybines; NH 451 3 pt. Sickle Mower; JD 336 Baler w/No Thrower; JD 410 Round Baler; NH 320 Baler w/thrower, (SOLD); Int. 400 4 row cyclo planter w/no-till; Brillion 21 ft. hyd. fold cultimulcher; Oliver 4xsp. reset plow; Case 1537 Skid Loader.

Farmall 1026 Hydro; JD 400 rotary hoes, (SOLD).
Late model JD 1209 Haybine.
Late Model Int. 990 haybine, (SOLD).
NH 479 Haybines; real nice & field ready.
Hay Equipment Specials Haybines - JD 1209 for 2000, Int. 1190 for 2475. New NH 489; NI 7' cut/ditioner.
MC 9' rotary scythe, $1250, NI 279 cut/ditioner, $1500, NI 7' cut/ditioner, $1200 & Up.
Balers: NH 280, NH 269, w/thrower, $1450.00.
NH 320, looks like new; also new #70 NH Thrower. JD 466, a real nice big baler. Used NH 258 rake w/whl. Used NH 256 Rake; Ford & JD 3' sickle mowers; JD rake w/dolly whl.
JD 346 Wire Baler w/thrower; JD 336 Twine w/thrower.
(Combines on our lot)
Used J.D. 6620 Hydro w/heads
Used JD 6620 side hill fully Eq. w/215 flex & 643 C.H.
New JD 4420 fully equipt. 443 C.H. Used NH TR70 Hydro w/15 ft. flex & 6 row; Int. 1460 axial flo w/grain & 6 row; White 9700 rotary w/4 whl grain and 6 row C.H. 1977 JD 4400 Dsl. cab and air real nice; 1975 JD 6600D rotary screen, good cond. 1976 Int. 715D, w/air & 13 ft. grain, field ready, never used in corn. 1977 Gleaner L2 hydro w/6 row C.H. 1976 Gleaner FD w/C.A. and 2 heads, 1976 Int. 915D w/810 grain head. 1979 MF 550D, excel. w/grain and corn heads. 1975-MF 510D hydra. w/grain and 43 corn heads.
MF 410 D. w/cab & Q.T. Grain head.
MF 510D w/cab, Quick Tach grain Sale Price $5850.
1968 Gleaner CII diesel w/cab and 4 row C.H. JD 7700 D w/grain & corn head.
1969 MF 510D, cab & 2 heads for $9500.
MF 300 w/cab & 2 heads for $2900.
1969 JD 55 sq. back corn special w/cab and 2 heads; Int 715 gas w/cab, 810 grain Int. 810 13 ft. floating cutter bar.
1979 MF 750 Combine, like new; 1976 MF 510, real nice.
1972 Gleaner F w/grain & 4 row C.H.
Int. 105 w/cab 10 ft. grain and 2 row C.H.
Gleaner E III w/cab.
AC 90 pull combine.
NI 702D w/cab w/chopper and 2 row C.H. $6250. 702 w/729 A sheller.
We have 4 N.I. Uni 729A shellers from $1500.
TRACTORS AND EQUIP. JUST PURCHASED, New JD 4240 C.A. and P. Shift, JD 4620 w/cab and new tires, real nice, JD 4640 C.A. PS 20x38 tires like new for $32,900. JD 2940 w/300 hrs., Used JD 2640 w/Hi-Lo dual hydraulic, $9875; JD 2010 gas 1775, Farmall 1086 C.A., $17,800; Farmall 886 w/cab and 18x38 tires like new, Farmall M, Farmall 230 WF & FH & Cult.; Super A w/2 Way plow, Cult.; Snow plow, Fully Eq., excel. cond.; Case 930D, original, Case 1030D, JD 3020 S.C. P.S. WF, JD 2030D w/R.G., JD 3010 gas, MF 180 Diesel, New A.C. 8050 P.S. w/radial tires list 56, cost 44, our price $34,850 - MF 184 4 whl. drive, MF 1080, new JD 4050 C.A. P.S., (SOLD); used JD 4440 C.A. Q.R. looks like new, $26,500.

Just Traded JD 4430 CA QR-nice.
Used JD 4040 w/R.G. and QR- nice. JD 4630 cab, air P.S. w/front whl. drive; JD 6030 C.A. Duals all original; Farmall 1586 C.A. real nice; Farmall 1486 C.A. w/radial tires, real nice, one local owner; 1086 C.A. original, Int. 784 utility D, 1066 Hydro original, Farmall 706 gas WF and 3 pt., 766 original, NI 325 picker w/sheller like new. NI 325 picker w/12 roll bed; N.I. 324 picker w/12 roll bed; Case 1370 C.A. PS - factory duals and full wts., $13,500.00.
NI Combines Just Dealt. NI 717 combine w/13 ft. grain; NI 738 4R N CH; NI 10 ft. direct cut head; NI 3 row 30" silage head.
NI 713 Q Tach grain head.
MF 1135 CA MP real nice. Farmall 1468 C.A. $8850.
Farmall 886 w/R.G., 560D w/F.H. Nice 756D WF and F.H. nice original, 756D WF 3 pt. Farmall 806 gas WF real sharp. INT. 656 utility D, nice original Farmall 450 w/2000 loader.
Int. 574 utility D, w/new tires, Int. 504 utility D w/2000 loader.
Farmall 460 gas TA, FH for $1975.00.
Used NI 323 1 row picker $2150 Used Int. 1190 haybine for $3250.
AC 7010 C.A., P.S., 20:8x38 tires, full wts., light package looks like new.
Oliver 880, W.F. fully equip., Farmall 656 gas; JD 730 D, nice. JD 620 w/PS.
Rakes: new NH 256 for $2100.
Used NH Tandem Rake Hitch; Used Bale Rack Wagon w/NH 30' Hydraulic Bale Elevator; Gehl 920 Forage Wagon.
New Holland 1012 and 1010 Bale Wagon.
JD 3020 Tri D. JD 4020D W.F., D.L. and 2 values w/cab. JD 4020D W.F. P.S., JD 6030 C.A. real nice, 1970 JD 3020 D, SC, WF, w/cab; JD 3010 Tri Gas, Farmalls 1586 4 post R.G. w/duals, 1086 w/cab, 1206 extra nice.
Int. 606 w/loader, MF 175D w/R.G.
JD 4020 D., W.F., P.S. and diff lock) (Harvesters) NH 890 w/3 row 30" C.H. 2 row snapperhead and pickup head. JD 243 snapper head. Forage Wagons.
JD 216 - tandem axle. NI 325 picker w/12 roll bed, JD 237 mtd. picker and sheller.
(New) NI 323 cornpickers at old price.
New NI 324 2 row picker.
Used Fahr rotary 7 ft. haybine. Glenco SS9 Soil Saver, JD 210 14 ft. Disc, Hesston #30 Stakhand.
CHISEL PLOWS- new Ford 13-ft. 3 pt. w/gauge whls.
HAYBINES- New NI 272 cut/ditioner- $3800, (SOLD); NI 279 cut/ditioner used 1 yr. Used JD 1209 $2475; Int. 1190, New & used Grim 4 star hay tedders.
Used Grimm Hay tedders.
Used NI 279 Cutditioner, 2 NI 272 cutditioner, NEW NI 406 rake w/front whl.; JD 660 rake w/front whl, like new, (SOLD).
Grinder mixers, NH 357 for $3850, JD 700 Grinder Mixer, like new. (Just Traded) N.I. 702 uni w/729A sheller and 743 3 row Q.A. corn head, real nice and field ready.
New AC 7010 w/20 sp. trans. JD 4020 S.C. w/cab. MF 1135 w/cab. Farmall 350 w/P.S. and F.H.
Super M, 2M, 2H.
Balers (new), NH 315 w/#75 thrower for $9300 reduced to $8975. NH 280 w/hydraulic tension and thrower. New Idea #456 round baler; NH 320 w/thrower.
TRACTORS & EQUIP. Farmall 1566 w/cab and duals, Used White 2-105 w/roll guard.
Case 1410D, nice.
Cub 185 Loboy Cadet 1650, 682, 129, 125; JD 317, 314, 210, 112.
New John Deeres 4240 cab & air Q.R. for $30,000; New JD 4440 C.A. QR w/radial 20x38 tires for $36,250.00. Local trade ins - Used JD 4230 CA QR, 4020 side console; Equipment - JD 1209 Haybine, JD 336 Baler w/thrower, (SOLD); JD 500 Round Baler.
Corn Heads JD 643, 444, 244, 243, 843, 343, 443, 313 for 45C, 235, Massey Ferguson 1163, 1144 like new, 63, 43, 44, 24, 222, 422, Gleaner L438, F430, F438, K238, F335, F330, M430, K330, Int. 863, 864, 844, 744, 843, 227, NI 4 row 40" heads, Case 4 row 40", MF 44 & 43 Lo Profile, NH 4 row 38" C.H. New JD 444 $7350 reduced to $6875. JD 443 used 2 seasons; Gleaner A430 used 4 years. 60 corn heads on lot. NI 738 and 728 4 row 30"
New Int. 810 13 ft. grain head.
Used Gleaner L2 grain heads.
2 used MF 63C Corn Heads to pick from. 4 used #810 Int. 13 to 16 ft. reg. and floating heads.
(New Farmalls) 5088 C.A. for $34,850 New 3688 fully eq., $30,800.00. Reduced to $30,000.
(Used Farmalls) 966 original, 1206 real nice, 300, MH, Used JD 4230 w/R.G. We have 4 JD 4020 side console diesels. 1970 JD 5020; Ford TW20 w/cab w/220 hrs., damaged. 1972 JD 4020D, WF.
TRACTORS - Farmall 544 gas W.F., Farmall 706D WF & 3 pt.; NI 324 picker w/super sheller used 80 acres.
JD 4020 W.F. power shift, good tires; 1971 JD 4020 original; Case 1070 P.S. $6975; JD 4010 Tri D, Farmall 766, New Holland 770 w/2 row 30" C.H. NH 890 Harvester w/2 heads, Deutz 9006.
Long 910 D.

CULTIVATORS - New Case 3 pt. 8 row Hydro fold. JD 4 row & JD 6 row rear.
CORN PICKERS - New NI 325 w/12 roll for $11,800, used N.I. 325 w/12 roll bed current model. Used (2) N.I. 324 w/12 roll bed (325 N. w/sheller), NI 3 row 30" picker w/super sheller, New Idea shellers and Super shellers, N.I. 2 row 30" picker w/grinder. NI 319 mtd. picker, JD 300 w/2 or 3 row C.H. JD 300 w/243 C.H. NI 311 - 2 row.
NI 727 Uni Husking beds.
JD 4020 w/58 Loader, JD 4320 w/cab.
686 w/German D., 560 D w/F.H., nice.
Farmall - 1568 w/cab & air used 1000 hrs., 1566 w/cab, 1466 w/cab. 886 w/cab, 800 hrs., like new. 856 w/38" tires, very nice; Farmall 460 Gas w/F.H., Farmall 756 gas, Hi Crop- 656 diesel, 756.
HARVESTERS. Used JD 3800 w/2 row C.H. and pickup for $2850, N.H. 890 w/3 row 30"; NH 890 w/2 row; NH 770 w/2 row 30" C.H. Int. 720 - 2 row. Fox 2 row snapper head. NH 770 1 row snapper C.H.N.H. 890-2 new snapper head, new N.H. 890 new corn head used N.H. 770-H824 2 new corn head and pickup head, Fox 2 row 30" Silage Head, JD 1 row snapper head for 38 & 3800. JD 4 row Stalker head, like new.
New JD 5½' Used JD 5½' & 7' Pickup Heads.
NH 770 w/Pickup brake.
Gehl recutter blower.
ALLIS CHALMERS AC 180D w/cab and air, (SOLD); 7040 w/cab, power shift like new, low hrs. 220 original, 210 w/new 20.8x38 tires, AC H3 Crawler w/blade and winch.
2 JD 4 wheel drives 8630 fully eq. w/duals; & 7520 fully eq. w/duals.
FARMALLS: Used 686 w/cab & air, 1206 w/cab, 806 w/3 pt. & 38" wheels, Farmall 656 Diesel & 656 gas, Farmall 826 hydro D nice.
New White 2-65 w/front whl. drive and new 1730 loader, list $29,000.
Dealers net $23,700. Our special price $21,850.
New White 2-105 w/cab $22,850.
MASSEY FERGUSON - 2745 w/cab, 24 spd., like new; MF 175 D; 1085 w/cab, original for $8450. MF 85D w/new tires, MF 1155 w/C.A. M.P., MF 1130 for $6250. MF 1080D, MF 90D; 1155 C.A. MP-8950; Oliver 1950T w/cab and Oliver 1950T w/tank fenders w/over and under choice, $6950.00, 2050, 1855, 1850 w/cab, (SOLD); 1855 w/duals, MM Vista 1000 w/cab and loader.
New NI 324 picker w/super sheller list $15,390. Special $8,475. Farmall 706 w/310 German D. w/cab, JD 2520D, MF 1135 w/R.G. and dual wheels, Int. 656 utility Hydro D. NH 890 2 row snapper head. JD narrow 30" 2 row head, like new.
NI 325 pickup w/12 roll bed used 4 yrs.
Ford 4600 D, low hrs.
Fords-5000D, 850, 1952-8N, 860; 8N w/Loader.
N.I. 702 Uni tractors w/combines & 729A and 729 Uni shellers w-3 & 4 row 30" and 40" heads. Used JD 13 to 15 ft. grain heads.
IND. EQUIPMENT - Int. 500E crawler loader w/270 hrs., like new. Cat 933 crawler loader.
MF 200 Crawler w/6 way hydraulic blade; JD 350 Crawler loader.

Cat, Road Grader.
AC 600-21 ft. forklift.
MF 6000 lb. forklift, (SOLD).
Howard 3 pt. backhoe, (SOLD).
Bobcat 720 Hydro Skid Loader.
Mechanics Specials. JD 3010 gas.
Case 1212 D.
Case 1410. Farmall 706 gas needs trans work, $2900.
Planters - New JD 6 row Conserv. no-til w/dry insect and monitor for $12,800. Used JD 7000 4 row planter; JD 7000 6 row plate w/fert. inst., Int. 56 & 455 4 row planters; JD 1460 6 row no-til liquid plateless Inst. - $1975.
Int. #400-6 row liquid fert., Inst. and monitor, nice.
AC 12 row No-til Soybean Planter; Oliver 6 row no til w/dry fert., inst., fert. fill and population monitor.
Cabs for JD and Int. 66 series Tractors.
3 new full vision cabs for M.F. 165 thru 1135. Glenco 12 ft. 9" Soil Finisher like new.
Brady 14 ft. pull chisel plow w/Buster bar.
Athens and Bush Hog 12 ft. and chisel plows.
Pick-up heads for NH 770, 717, Miller 12 ft. offset disk, JD Disks #210 - 12x14 ft. New Westfield grain augers 41 ft. 8" KD=$1395, 56 ft. 8" KD=1995. NI 214 nice, JD 54 spreader.
We have new 4, 6, 8 ton running gears at low, low prices.
Used Danuser Post Hole Diggers.
New JD front dozer blade for 4520 thru 4620, 4430 and 4640.
N.H. 38 flail chopper, like new.
NH 36 Flail Chopper.
NI 319 mtd picker w/12 roll. JD 6 & 8 row front cult. New 15 ft. rotary cutter, Oliver 3x rollover.
PLOWS - JD 5x hyd., JD 2500 - 6x18 sp. reset, Int. #700 6x16 sp. reset w/colters etc. for $2650. Ford 5X sp. reset, Oliver 4x16 rollover, JD 3x16 rollover, AC 6X reset plow, MF 4x16 3 pt. plow; New Ferg. 10 ft. chisel plow w/gauge whls., Used Chisel Plows Brady 12 ft. & 10 ft. chisel plow, New IH 3 pt. field cult. 12', Used 3 pt. Bush Hog 7 shank V-ripper; Bestland rock picker. New Johnson loader.
Used Int. #315 13' roller harrow.
Used Brillion 13' roller harrow; JD 13' R.H.; JD $975.00; JD 3 pt. - 1&3; Shank Sub Soilers.
Int. 475 18' Hydraulic Fold Disk.
Howard 13 ft. rotovator.
New 12 ft. 3 pt. field cultivator.
New Landoll 24 ft. hydraulic fold chisel plow.
Used Landoll 20 ft. Soil Master, (SOLD).
2 new DMI 12 ft. pull chisel plows, JD and Oliver 4, 6 & 8 row front mtd. cult.
Straw choppers for combines; JD 4400, 7700, 6600, MF 510, 550.
Ford 12 ft. Heavy Disk. Kawanee 22 ft. Wing Disk.
Int. 5100 - 21x7 DD grain drill, like new.
Used JD 8300, 21x7 DD w/gauge whls. & press whls.
Used JD 8300 21x7 D.D. w/grass seed. Int. 510 21x7 D.D. w/press wheels 2 sets of press wheels for JD drills.
MF 43 22D w/grass seed.
Shaver–Post Driver.
New Fast Hitch 3 pt. adaptors for Farmalls.
Loaders, new Int. 2355; Used JD 260, 48; JD 58, 46A. Int. also set of forks, like new, Int. 2000 loader, 1 Int. 2001 loader, new Great Bend loader, 3 pt. hitch for 630 and 730 JD tractor. New and Used J.D. Quick Couplers. 2 Used 30.5 x 32 tires.
TRUCKS - 1979 Chev. C65 24 ft. rollback, like new.
Int. Scout 4 whl. drive, Delta 44 ft. combine trailer, 1980 Silverado Chevy diesel w/every option, looks like new.
(New) NH Direct cut head for 770. (New) Kill Bros. gravity bins. New Kill Bros. 6 & 8 & 10 ton running gears. Pick up heads for JD 3960, 3800, 38; Int. 550, 650, 350, Fox pickup head, (20) sets of dual wheels all sizes.
JD front & rear weights, IH front and rear weights.

For your needs call:

STITZEL FARM EQ. INC.
East Windsor St.
& Krick Lane
Hamburg, Pa. 19526
Phone Bus. 215-562-8377
home 215-562-7451

FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

MF Massey Ferguson

TRACTORS & EQUIPMENT

MF 20 Tractor w/Loader
MF 30B Tractor w/loader & cab
MF 40 Diesel Tractor w/Loader Backhoe
AC D17 Dsl. Tractor
MF 50 Tractor w/Loader & Backhoe
Ford NAA Tractor
MF 760 Combine w/Attchs.
IH 440 Baler
NH 320 Baler w/thrower
NH 269 Baler w/thrower
NH 510 Manure Spreader
NI 213 Manure Spreader
MH 35 Combine

NEW M.F. EQUIPMENT

MF 50 F Tractor w/Loader & Cab
MF 285 Tractor
MF 245 Tractor
MF 1030 Tractor
MF 1010 Tractor
MF 20 Turf Tractor
MF 236 Loader
MF 236 Loader to fit MF 184-4 Tractor
MF #43 2B Plow
MF 820 Disc Harrow
MF 320 Disc Harrows
MF 226 Scraper Blade
MF 227 Scraper Blade
MF 18 Scarifier Scraper Blade
MF 124 Baler w/Thrower
MF 218 3 pt. Rotary Cutter
MF 222 Scraper Blades

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Available This Week
JD 4440 PS, Cab & Air, 2000 Hrs.
Around $23,000

IH 1066 C SOLD Air
JD 55 Square Back Combine w/Late Quick Tach Throat
MF 1976 5 SOLD Diesel Combine
Farmall 756 Diesel
IH 1456 Tractors w/Cabs
Case 1030 Diesel
JD 4020 [SOLD, PS
NI 13' Flex head 740 fast-touch throat
NI 744 Corn Head
NI 844 N Corn Head
NI 737 Husker
NI 701 Tractor

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Midway between Lancaster & Quarryville off Rt. 222 take Brenneman Road at Graybill Bros. Garage, Refton.

FOR SALE
Massey Ferguson 13' grain header with electric variable speed pickup reel, in excellent condition. Used less than 400 acres also implement carrier for hauling head.
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(2) New Long 610, DT 64 HP - $12,300
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Long 1549 loader - $2,400
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Mr. Farmer: Do you have water for irrigation? Now is the time to get ready for this summers draught. We have a full line of Traveler Irrigation Machines from Long Mfg. available to you. Also we have pipe and pumps for all your needs.
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IH 786 w/700 hrs
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IH 826 Hydro
IH F 656 D (Overhauled)
IH F 706 G (Overhauled)
IH F 656 G w/Cab (Overhauled)
IH F 656 G Gear
IH F 340
IH I 504 w/NI Loader
IH F 200
IH Super C
IH Super A w/Cults
IH H
IH M
IH Farmall B
IH F 450
IH F 560 D
IH Cub w/Cult
MF 35 D w/Loader
JD 620
JD 2010 G

BALERS
IH 440 w/Thrower
IH 47 w/Thrower
OMC 540 Stacker
OMC 540 M Mover
Hesston 10 Stacker
Hesston 10 Mover

BLOWERS
IH 56
NH 27
Fox 656
Fox 660
Fox 44 Table
Hussler 56
JD 66
Gehl 99
AC 48
Dion 56
Kook KB 60

COMBINES
IH 1460 700 hrs
IH 303 w/Cab
IH 715 w/Cab
IH 205

CULTIVATORS
IH 4 R Mtd - 560
Case 2 R Mtd. - SC
Oliver Rotary Hoe 3 pt

ELEVATORS
Zimmerman 32'
Zimmerman 40'
Mulky 32'

GRINDER MIXERS
IH 1250 w/Scales
IH 1150 w/Scales

HARROWS
IH 47 Disc 13'
Athens 13' Disc
Bush Hog 11' Disc
JD WRA 13' Disc
Miller 10' Offset Disc
Nemyer 3 pt Harrow Tiller

WINDROWERS
NI 279 9'
AC 904 9'
Gehl 108 9'
IH 2 A Crusher
IH 5000 w/Cab

LOADERS
IH 2350
IH 2050 A
NI 502
NI 504
NI 506
Kwik Way (IH 284)
IH 3300 B-Skid
Hydro-Mac 10 Skid

MOWERS
IH 2 pt Sycle
IH Super A rear Mtd
JD 5 Sycle
MF Dyno Balanced
NH 46 Sycle
Lyston Rotary 3 pt 6'x6"

PICKERS
NI 324 2 RW
NI 323 1 Row
NI 330 3 RN
IH 234 Mtd
NI 314 Sheller

PLANTERS
IH 800 4 Row
IH 400 4 Row
IH 56 4 Row
IH 56 2 Row
Ferguson 2 RW 3 pt
JD 7000 6 Row

PLOWS
IH 710 4x16
IH 720 5x20
IH 450 3x16
Oliver 565 4x16
Oliver 3x14
IH 209 2x14
JD 345 4x16

SPRAYERS
Demco 500 gal
Johnson 300 gal
Century 300 gal
Oliver 200 gal

RAKES
NH 57 R 3 pt
Vicon Turner
Grimm PTO Tedder

FORAGE HARVESTERS
Gehl 600 2RN+P
Fox 2200 2RN+2RW
JD 38 2 RW
IH 550 2 RWN+P
IH 555 2 RW+P
Fox 1000 2 RW+P
Fox 546 2 RW+P
Fox 249 Snapper Head

BARN EQUIPMENT
Badger Barn Cleaner
Badger 24' Silo Unloader
Silo matic 24' Silo Unloader
Silo matic 14' Silo Unloader

MANURE SPREADERS
NI 218
NI 224
NI 213
NI 212
NH 790
Hawk Built 357
Clay 1500 Liq

UNI EQUIPMENT
708 Hydro
702 D Gear
767 Super Chopper
768 3 RWN Head
731 4 RW Head
744 N 4 RN Head
844 W 4 RW Head
770 Adapter
818 Combine
729 A Sheller

MANURE SPREADERS
Lely 2500 Fert

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IH 105 16'
Gehl 912 16'
AC 16'
Grove 14+16'
JD 115 16
16' Bale Wagon
Butler 1830 Feeder Wagon
Vandal 180 Mixer Wagon

GRAIN DRILLS
JD FBB 13x7
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JD 4620 Tractor
Perry 12' Harrow
JD 12' Harrow

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case

TRACTORS
- Case VAC
- Case 995
- Case 430
- Oliver 500
- White 2-105 Tractor
- Ford 3000

LOADERS
- Case 1737 Skid Loader
- Case 1740 Skid Loader
- Case 1816 B Skid Loader
- Case 450 Crawler Loader
- Case 450 Crawler Dozer
- Int 3200 Skid Loader

TILLAGE
- Brady 13' Field Cult
- Case Disc Harrow, 10'
- Oliver 2 Bot Trailer Plows
- MF 3 Bot Plow
- Used Cultipacker

HARVESTING EQUIPMENT
- Hesston 2000 150 Harvester
- Case 600 Combine w/3 Row Head
- NI Unisystem 702 Tractor, 702 Diesel, 710 Combine & 760 Harvester
- NI 709 Uni-System
- NI 316 Husker
- NI 315 Sheller
- NI 729A Sheller
- NI 767 Super Chopper
- NI 735 Cornhead
- NI 323 1 Row Corn picker
- NI 325 2 Row Corn picker
- NI 324 2 Row Corn picker
- IH 550 Harvester
- Case 300 Harvester
- NH 717 Harvester
- Gehl 1200 Harvester w/pickup and 2 row cornhead

HAY EQUIPMENT
- NI 279 Cutditioner
- JD 1209 Windrower
- IH 1190 Windrower
- NH 479 Windrower
- Hesston PT 10
- Hesston 1090 Windrower
- Dump Rake
- Bale Thrower Wagon
- Case Hay Rake
- NI 402 Hay Rake
- NI Hay Rake
- NI 456 Round Baler

MISCELLANEOUS
- IH 400 Corn Planter, 8 Row
- 4-Row Cole Planter
- 6 Used Spreaders
- NI 218 Spreader
- IH 275 Spreader
- Weaverline Cart, 24 Bushel

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MF Massey Ferguson

MF 725 7' Haybine
MF 3 Baler
IH 37 Baler & Thrower
NH 271 Baler & Thrower
AC 303 Baler & Thrower
NH 36 Crop Chopper
IH Model 8 Crop Chopper
Gehl 65 Grinder Mixer
NH 352 Grinder Mixer
Papec Grinder Mixer
NH L35 Skid Loader
Gehl 2600 Skid Loader
IH 154 Cub Lo-Boy w/Mower
MF 285 Tractor
MF T030 Tractor
Brillion 24' Field Harrow
Ford 27' Field Cultivator
Woods C80 Rotary Cutter
MF 300 Combine
MF 205 Combine

MARLIN SCHREFFLER
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717-648-1120

SILOS & UNLOADERS

SILOS & UNLOADERS

We Have New & Used Silo Unloaders. Call us for all your silo need. Detweiler Silos, RD 2, Box 267D, Newville, PA 17241. 717-776-6321 or 717-532-3039.

For Sale - Harvestore Units, 25x80 w/Goliath Unloader, 20x70 w/Hercules Unloader, Slurrystore 62x14 w/built-in pump and agitator, 30x80 Madison silo w/Star (Ring Drive) Unloader. Lancaster County. 717-284-4796.

FOR SALE - Papec Model 81 ensilage blower on steel wheels. Spare knives/gears, excellent condition. York Co. 717-755-8884.

12-60 silo Wet cast stave. Write price and condition to:
E.S. Weaver
R1
Ephrata, PA 17522

12' Vandale Unloader, very good condition, complete, $1,200; 100' tapered board feeder. 717-872-7190 evenings.

Leasing With Option To Buy - Harvestore structure and power sweep unloader for grain 717-423-5432.

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Moving Concrete Stave Silos
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Stronger Than Plaster
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5 Year Unlimited Guarantee

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Sollenberger Silos
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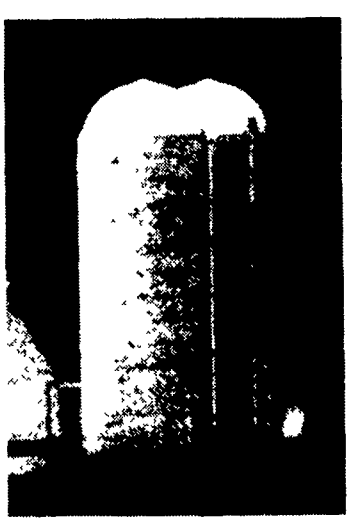

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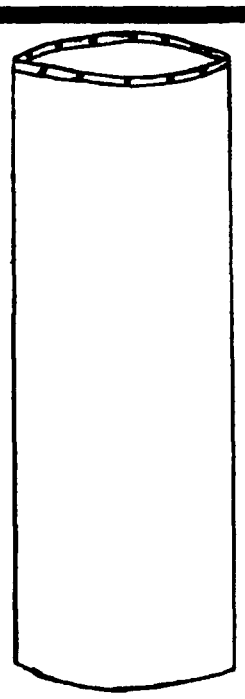
MAY-CO
SILO LINERS



1. Reduces runoff
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14. Easy installation

Our new liners are made with 3 plys of plastic laminated together with a reinforced top edge and makes a strong light weight plastic tube much STRONGER than regular polyethylene sheeting.

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Silo Diameter	10'	12'	14'	16'	18'	20'
Cost of liner only at 40' in length	133.35	168.00	184.80	218.40	243.60	268.80
Cost of each additional 10' of liner	32.55	42.00	46.00	54.60	60.90	67.20
Cost of lifting ring and clamps	88.30	97.98	105.42	208.62	235.12	254.92

Ring and clamp cost for 10, 12 and 14 ft. silos with unloader are about 75% higher.
Order 10 extra feet of liner if you wish to tie the bottom of the liner shut.

Please send liner only ☐
Please send liner, lifting ring and clamp ☐
I am sending $ _____ to receive liner freight free.
Orders must be in by August 1st to ensure right size and length.

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Will deliver & build on your farm. You pay footer foundation material and we do the rest. No more expense added on to quote.

1980 25x90 with Goliath Rebuilt Unloader	$50,000
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1966 20x60 Blue Roof with Goliath Rebuilt Unloader	$30,000

We have 20 years experience working with used Harvestores® and 10 years experience building used Harvestore® silos.

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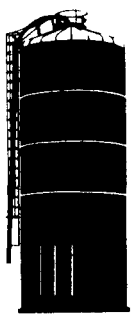
"Quality Work... is our Specialty"



STRUCTURES ON STOCK

3 - 20x27 1 - 20x50
2 - 20x31 2 - 20x60
1 - 20x40 1 - 20x70
3 - 25x80

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REBUILT HERCULES AND GOLIATH UNLOADERS

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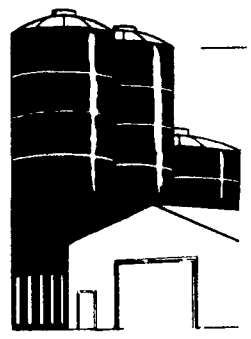

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Supreme Forage Challenger Unloader
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Complete Feeding Systems

FOR SALE
20x40 Harvestore
&
20x60 Harvestore
Call For Prices

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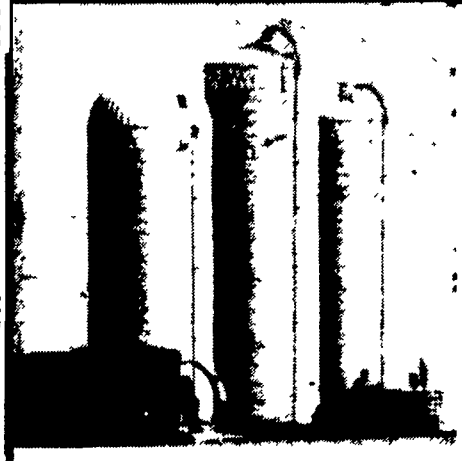

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- Ag Master Silage Inoculant

STARLINE LAIDIG

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★ Grain-O-Matic® Atmosphere Controlled, Bottom Unloading Silo For High Moisture Grain.
★ Madison Silo® Top Unloading Silo For Corn Silage.

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Dependable-Reliable

Systems That Assure Continuous Service Day After Day

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The hardware used in this door's construction is heavy duty steel with a double hinge system to allow the door to swing back against the side of the silo A double lock system holds the door against the frame for a sure seal.

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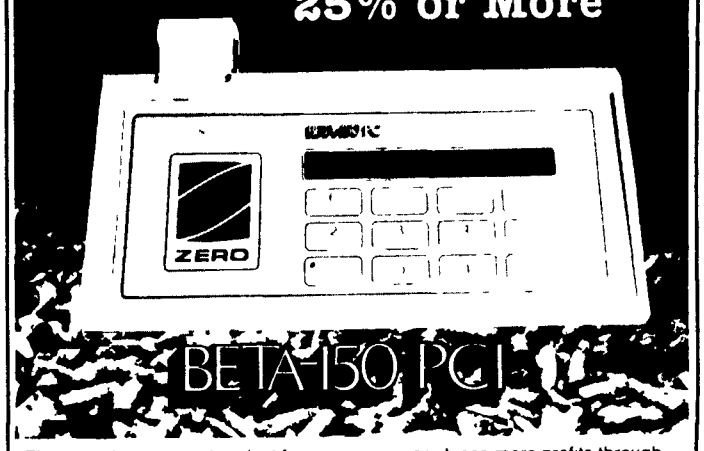

This new dairy computer identifies your cows with high potential and allows you to feed them accordingly
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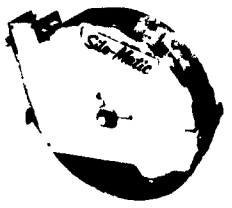
LOW MAINTENANCE
Designed For...
HIGH PERFORMANCE



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Large 26" rotor housing offers quality 304 stainless steel construction plus split design for ease of maintenance.

High Performance Four Pawl Rotor
The R-26 Pacesetter rotor features four stainless steel adjustable pawls. Pawls can be operated in a swinging or fixed position as conditions dictate.

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SILOS & UNLOADERS

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Reconditioned Unloaders - All Brands

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#70 12'-14'-16' Complete Unloaders All Reconditioned — $ SAVE
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1 - 16' Basic Unit (Fair) — $500.00

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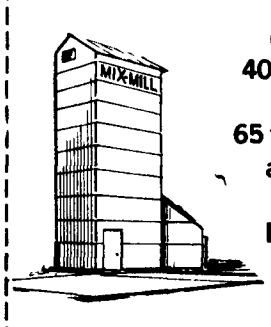

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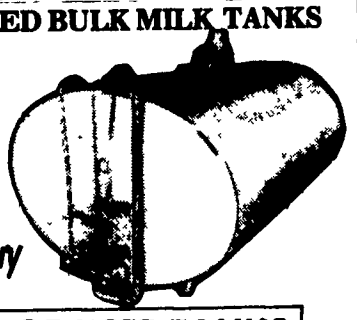

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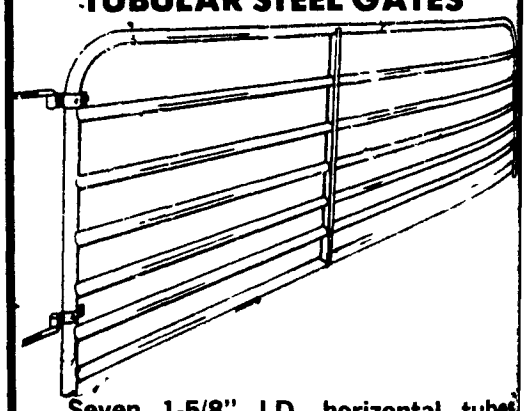

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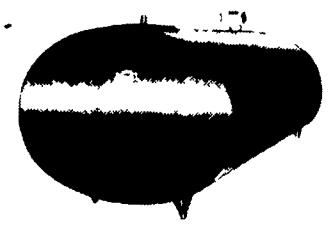

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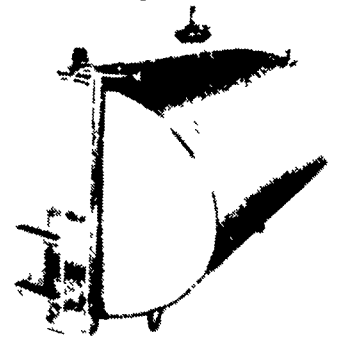

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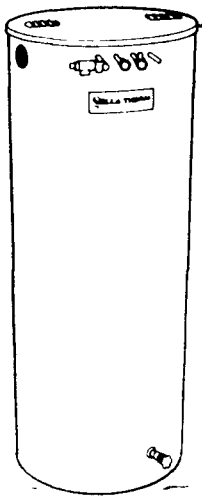

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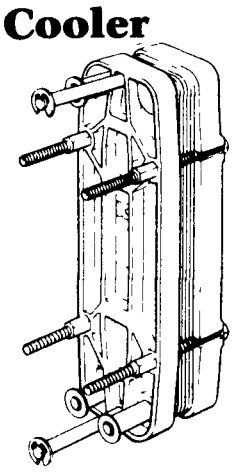

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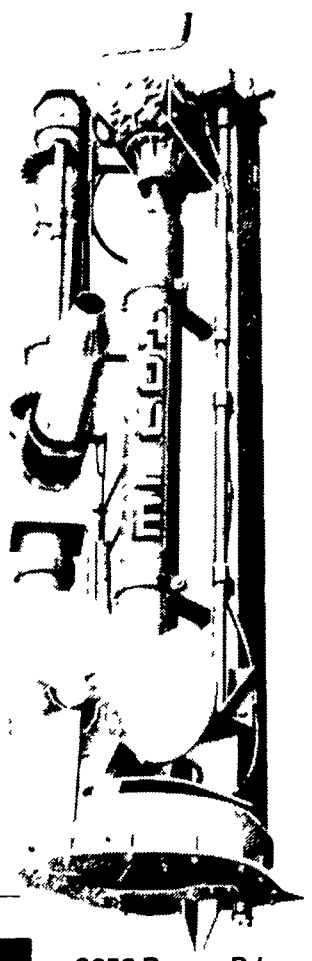

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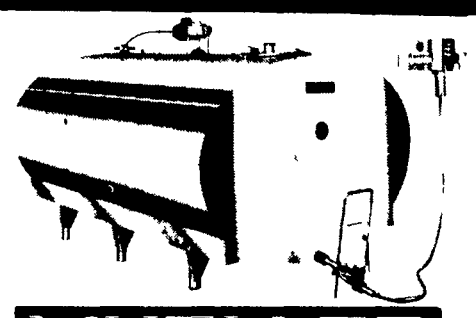

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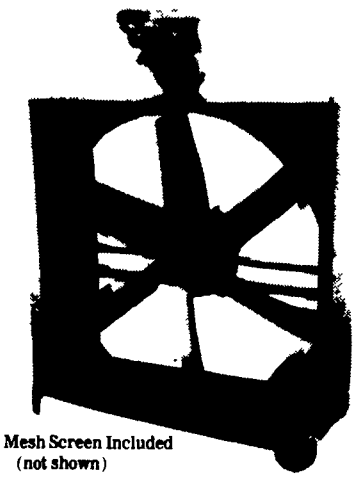

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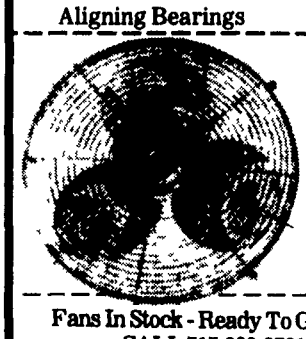

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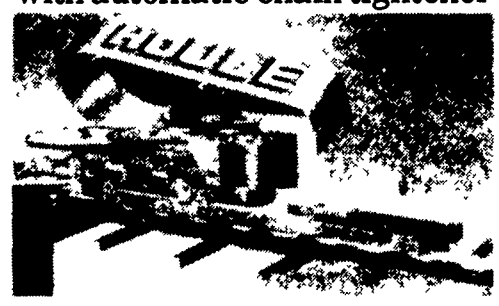

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June is dairy month

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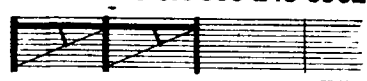
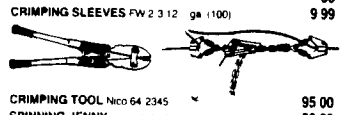
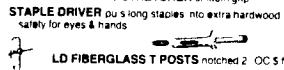


USA WIRE 12 ½ ga Type 3 galv 4000	75 00
10 Coil 4000 wire (same as above)	650 00
2000 of above wire 12 ID coil mail	35 00
NZ WIRE 12 ½ ga Type 3 galv 2160 55 lb	37 50
A1 Wire 12 ½ ga Type 3 galv ½ mile 68 lb BEST	44 00
NZ WIRE 35-45 lb coils All High Tensile	75
(16 ga 98 lb 14 ga 59 lb 10 ½ ga 24 lb)	

PERMANENT IN-LINE WIRE STRETCHERS	
DONALD S STYLE No 1 MINITITE	69
No 2 New in 1984	1 75
HAYES STYLE (with aluminum cog spool)	2 50
HAYES HANDLE required to use above	5 95
SPRINGS galv 225 lb 1 compression	4 00
BRACE PINS galv 4 inch	25
9 inch	50
CRIMPING SLEEVES FW 2 3 12 ga (100)	9 99



CRIMPING TOOL Nico 64 2345	95 00
SPINNING JENNY unwinds high ten wire	36 00
CHAIN-GRAB WIRE STRETCHER smooth grip	24 95
STAPLE DRIVER puts long staples into extra hardwood safely for eyes & hands	18 50



LD FIBERGLASS T POSTS notched 2 OC 5 ft	32
HD FIBERGLASS T POSTS self insulated 5 ft	6⁰
CLIPS for FIBERGLASS specify HD or LD 100	3 50
CLIPS for WOOD 1 x1 2x 0 1 x2 (100)	5 00

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WRAPAROUND INSULATORS easy Ends (10)	7 50
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ELECTRIC FENCE WARNING SIGNS plastic	70
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30 ft INSULTUBE Pel 32 for 12 ½ ga	6 00
UNDERGROUND CABLE 330 ft	35 00
CUT-OUT SWITCH stainless steel	6 50
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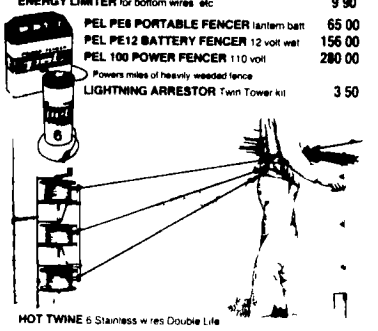

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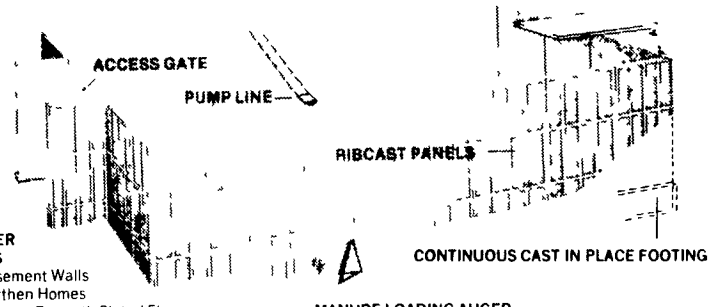

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for Dairy and Hogs

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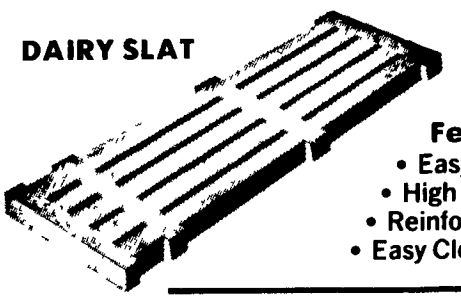

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- High Strength
- Reinforced Construction
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Features:
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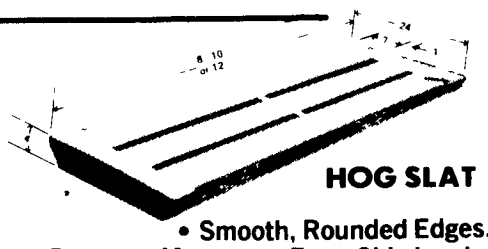

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Harry G. (area code 814); Who called Rumseys of Bath, New York June 23 regarding bred heifers to sell - Please call back - You were cut off from our recorder. Call 607-776-3478. Rumseys of Bath, NY.

Reg. Simmental yearling bull grandson of Polaris, $750. 717-263-5702.

3 registered Holstein Heifers, due July. Sires are Very Kingman and Boot-Nick. Call after 6 p.m. Lebanon Co. 717-865-3117.

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12 large holstein heifers. Artificially sired and bred, A-I health charts and mostly vaccinated. Floyd Baker. 814-695-3418. Blair Co.

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CATTLE

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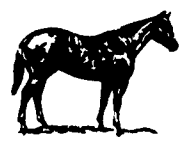

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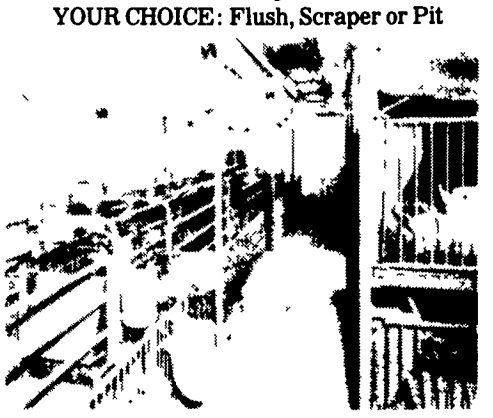

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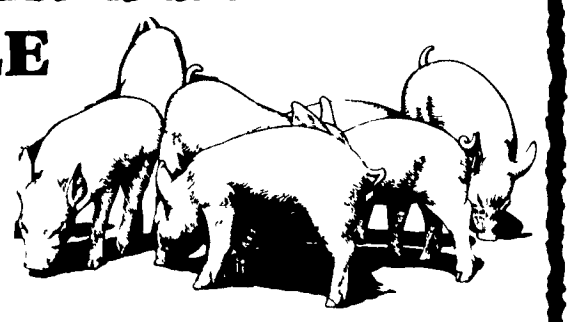

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R.D. 1 Box 346 Port Trevorton, PA 17864
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WHOLESALE FEED INGREDIENTS
3 Ton to 25 Ton Lots
48% Soybean Meal
Dried Corn Distillers
Shelled Corn
Blower Truck Delivery
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F.O.B. Our Tank or Right From The Railroad Car
Flexible Delivery

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MUSHROOM SOIL
Trailer 900 bu. $100 Delivered
Large Load 450 bu. $75 Delivered
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$15 Loaded On Your Pickup
West and South Lancaster Costs More

Also Poultry Manure

MAHLON H. MARTIN & CO.
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WANTED MULCH HAY
We need your hay.
Prompt Payment
BODMAN FARMS
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IF YOU HAVE GRAIN WE BUY
IF YOU NEED GRAIN WE SELL
Shelled Corn
Barley - Wheat Soybeans
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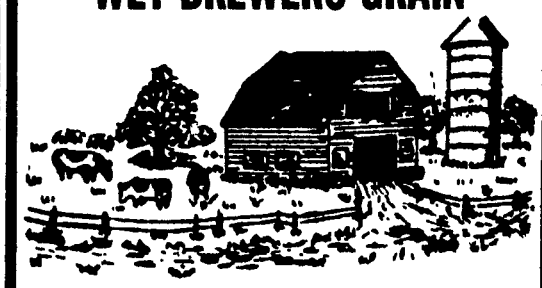
Ag Organic Inc.
RD 2 Box 331b
Phillipsburg, NJ PH: 201-859-2616

Wholesale Prices/Boost Production
WET BREWERS GRAIN



We feed what we sell! Guaranteed freshness with deliveries year-round by our trucks

Approximate analysis*

Protein	31%	Calcium	.36%
Fiber	26%	Phosphorous	.66%

analysis* on 100% dry basis

from the brewers of:

Schmidt's

Christian Schmidt
Brewing Co. Phila. Pa.

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BROILER MANURE FOR SALE
Delivered in 22 ton trailer loads
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SURE-CROP LIQUID PLANT FOOD

You Can Now Purchase Your Plant Food Direct From The Manufacturer

7-14-7 **$2.70** Per Gallon F O B.

Other Analysis, Delivery, And Tanks Available.

Take this opportunity to lower your costs and increase your yeilds and profits

As always Sure-Crop is produced with the highest quality raw materials available using all white phosphoric acid, potassium hydroxide, aqua ammonia, and urea, which is blended to form a high quality product.

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1000 bu. load @ $90 per load
Poultry Manure Also Available
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Calko™ = Lime plus Potash and Sulfur.

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77% calcium carbonate 40% calcium oxide 75 ENP (Effective Neutralizing Power) 3% Potash (K_2O) 45% Sulfate USDA Tested & Proven Only $4.60 per ton F.O.B. - We Deliver!
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BROILER & TURKEY MANURE FOR SALE
Delivery anywhere in 23 ton loads
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For Sale - Pennlan, Narrow Leaf, Zendar tobacco plants, will pull. Amos F Beiler, 153 Mine Rd., Paradise, PA. ¼ mile north of Georgetown.

Wanted To Buy - Very large amount of Penn Crisp celery plants. Will consider other varieties - Hodecker Celery Farm, 5496 Manheim Pike, East Petersburg, PA. 717-569-9961.

Cauliflower, cabbage, brussel sprouts, broccoli, cut dill, statica and cut flowers. Wholesale and retail. 717-872-7182.

FRUITS AND VEGETABLES

Size B Katadin seed potatoes from 1983 crop, certified seed, 215-286-9510.

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(2) Super Light Truss Greenhouses 30'x96' free standing, all equipment and benches included; (1) Pipe Greenhouse 24'x96' free standing, all equipment and benches included Call 717-532-3572.

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Soybean roasting on your farm. Dale L. Schnupp. RD 5 Lebanon, PA 17042. 717-865-6611

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Ivan Zook and Co. Hauling hay, straw, corn, manure, equipment, lumber; skid loader rental; will haul to auctions. R.D. 1, Gap, PA. 17527. Call anytime, 717-768-3052.

Unloved? Unhappy? Specializing in all matters of love. Often you find yourself confused, unable to cope with your problems such as: love, marriage, family affairs. At times you feel you have failed! You want to know why. I can help you! Call or write:
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Siding & Spouting
End your painting worries and install barn siding.
Galen Smoker
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Repairing and servicing of Ford Tractors. Experienced. Low Overhead, Low Rates. Will do other makes as time permits
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Lebanon, Pa. 17042
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York, Harford & Surrounding Counties
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Ag Bag custom filling. Ernest Kocher, Jr., R.D. 2, Birdsboro, PA. 215-689-5387

No-till soybean drilling after barley and wheat. Call 717-898-8691 after 5:30 PM.

Christian person to work on dairy farm. Single Board included. Must give reference. Lancaster Co 215-445-6008.

Combining with 750 Massey in Quarryville/New Providence area. 717-786-2839

Side dressing nitrogen on corn and foliar spraying with JD 6000 high cycle. Berks and surrounding counties. Call 215-944-7325.

CUSTOM COMBINING
$17.50 Per Acre
Plus Fuel
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Custom bagging, screw press machine, high capacity unloading. Handles grain + wet forage well Check our prices. Merle Martin. 717-626-4915.

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Professional Service - We stay with the machine to save you TIME & MONEY
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HELP WANTED

Experienced, dependable person to milk 250 Holsteins in double 10 parlor in Eastern North Carolina. Must be able to practice good dairy husbandry. Responsibilities include sanitizing heat detection. 919-935-5130 or 919-935-5009.

Couple Work As Handyman. Gardening homesteader type. Small cabin have some of your own animals. Paul Yerger, Sr. Auburn, PA. 17922.

Help Wanted - for Susquehanna County dairy farm. Must be experienced milker and field work, house provided. References required. 717-434-2048.

Wanted - Reliable couple or single man to manage and work small (150 acres) farm. Must know farming and be meticulous with animals and equipment. Salary, house, benefits. Write P.O. Box 176, Harleysville, PA. 19438

Experienced persons to pull tobacco plants. Lancaster Co. 717-393-1490. No Sunday Calls.

Accountant/Bookkeeper Accounting experience necessary. Farm background preferred. Lancaster County 717-768-8231

SERVICES OFFERED

HELP WANTED

Full-time farm help wanted. Experienced with large farm equipment and mechanical ability. Potter Co. 814-848-9753.

Experienced milker wanted on dairy farm. Apartment available. Salary negotiable. Central New Jersey. 609-259-2630 or 609-259-7494

Responsible [illegible] to take [illegible] broiler operation in York Co. Salary, bonus and house. Some additional farm work. Reply to Lancaster Farming, Box 366, R-9, Lititz, PA. 17543.

Farmer Wanted - Experienced in machinery, crops and cattle in Chads Ford area. Good salary and benefits. House available. Call 302-999-9713 between 4 and 8 PM.

Herdsman for progressive 100 cow commercial and purebred beef herd. Must also be willing to work with forage crops & in the general farming operation. Livestock and crop experience with recent references a must. Kent Co., MD. 301-648-5105.

WANTED - Aggressive, self-starting individual for retail feed & animal health sales in south central Pa. Farm background necessary. Base salary & commission plus many benefits. Opportunity for advancement and a chance to present new ideas. We want to grow. Lancaster Farming, Box 366, R-10, Lititz, PA. 17543.

Farm Equipment Shop Mechanic, experience required. Phone 717-397-5179 for appointment. Lancaster County.

Farm Equipment Salesperson - farm experience required. Phone 717-397-5179 for appointment. Lancaster County.

Young couple who has no children to live with and help 63 yr. old beef farmer. Can become owners of farm later on. Phone 814-627-5149.

Hard working couple or family to completely manage small dairy farm, no field work necessary. Lancaster County. 717-274-5891.

Opportunity for responsible farm worker on a 50 acre vegetable and small fruit farm. Full time, year round work with an established business. Applications available at Ashcombe Vegetable Farm, 906 Grantham Rd., Mechanicsburg, PA. 17055. 15 miles SW of Harrisburg Just off Rt. 15. Pay commensurate with experience and ability Phone 717-766-7611

SERVICES OFFERED

HELP WANTED

Herdsperson Wanted - for small registered herd. Salary, benefits and bonus. Reply to Lancaster Farming, Box 366, L-26, Lititz, PA. 17543.

GOVERNMENT JOBS $16,559 - $50,553/year. Now Hiring. Your Area Call 805-687-6000 Ext. R-4156.

FARM MANAGER - Experienced, work and character references essential. 140 Holsteins, Mt. Bethel, PA. Good salary, profit sharing, house, benefits. Another job & house also available for all around farmer. 215-588-8440 201-568-3952.

Agriculture teacher starting September 1984. Full time position. PA. certificate required 12 month position teaching ½ day ½ day with adult farmer program. Applicants should contact Jeffrey Keller, High School Principal, Tulpehocken R.D. 2, Bernville, PA. 19506. 215-488-6286.

Person capable of taking charge on dairy farm, must like cows. 301-848-0338.

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Experienced
Construction
Carpenters
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Cement Finishers
717-392-6756

WANTED
Horticulturist
person interested in landscaping and flowers for fulltime position.
Call
717-235-4954

Help Wanted
Assistant Herdsman.
Duties include calf care, some milking, breeding and miscellaneous tasks.
Call
609-267-0198
or
609-267-5246

BUSINESS OPPORTUNITIES

WANTED - Condemned Poultry House. We will lease our joint venture for breeding rabbits. Call John 215-343-9020.

Septic tank pumping truck, very good condition; 550 Ford cab-over, rebuilt motor, equipped with 1,150 gal. tank M3 vacuum and pressure PTO pump 140 CFM of air 85 feet, quick couple hose. Richard Winegardner, Box 43, Schellsburg, PA 15559. Phone 814-733-2948.

Operating feed mill in farming town. All Sprout Waldron Equipment. Two 5 ton mixers, dryer, roller mill, 3 dump pits, 62,500 bushel storage, scales, rolling stock, good buildings, on Railroad siding with 1.1 acres $180,000.00 Plus Inventory (301) 756-6666.

For Sale By Owner - 8 units, Motel and Luncheonette with living quarters. Good hunting and recreation area. Clinton Co. Immediate possession. Excellent opportunity at $40,000. Call 717-229-2500.

SITUATIONS WANTED

Young man for work on 40 cow dairy farm. True interest in cows. Full room and board, salary, other benefits for right person. 301-357-8466 after 8:00 p.m.

Couple looking for a job on livestock farm with house. Experienced, honest and hard working. Call after 6 p.m. 703-360-5597.

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HELP WANTED
Silo unloader repair person and help wanted for silo building construction.
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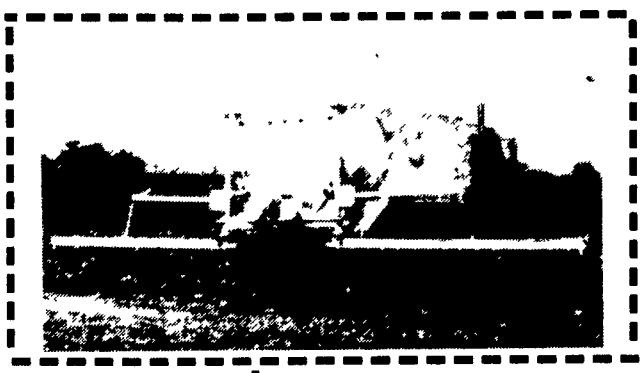
Dairy Farm Help Wanted
Milking positions with some field work available on large dairy farm. Housing and good salary with profit sharing plan provided. Some experience preferred Send resume' to:
Lancaster Farming
Box 366 D-148
Lititz, PA 17543

Experienced Help Wanted
on general crops farm with some steers and hogs. Located in Berks County. Must know farm machinery. This would be a permanent job with opportunity for the right person to become manager. Good salary, house and benefits. Work and character references required. Call:
215-682-6161

AG SALES OPPORTUNITY
Salary - Expenses - Commission
Professional sales training provided. Ag sales experience or ag background desirable.
Submit resume in confidence to
Lancaster Farming
P.O. Box 366, D-145
Lititz, PA 17543



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Gardening maintenance position offered on estate in Princeton, NJ, with separate living quarters provided. References requested. Write P.O. Box 348, Princeton, NJ 08540.

Man and Wife Herdspersons
To totally care for Holstein herd. House, electric, salary or percentage.
Lancaster Co.
Reply to Lancaster Farming, Box 366, K-21, Lititz, PA 17543

WANTED
Ambitious, hard working family or couple to take over operation of small 50 cow dairy. Shares, partnership or eventual ownership for right person. Some cash would be helpful. Located central part of western Pa. Reply to
Lancaster Farming
P.O. Box 366 D147
Lititz, PA 17543

NEEDED IN AG RELATED OFFICE CHESTER COUNTY
Jack of all trades (Typing, mineograph, reception, P.R. writing, audio-visual, creative), Master Of Some
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Challenge - Satisfaction - Independence

Leading Livestock Nutritional Supplement Company is seeking qualified applicants for a livestock feeding management and sales position calling directly on livestock producers in York County. Strong backing, training, and support Company benefits. Only people with dairy or livestock experience need apply

For complete details/application, send resume including job history, address and telephone number to:

FRED MARTSOLF, District Sales Manager, young's inc.
R.D. #3, Box 330-B, Dover, PA 17315

SUMMER OPPORTUNITY
Help Wanted: Seed Cleaner Operator. Excellent Earnings, Must Be Reliable, Full Time From Mid-July Thru Mid-Sept. Help Needed In Following Counties: York, Lancaster, Berks, Lebanon, Dauphin, Schuylkill. Pickup Truck Necessary.
- Call Or Write For Application -
REIST SEED CO.
Box 155 Mt. Joy, PA 17552
(717) 653-8078

HOUSEHOLD GOODS

FOR SALE - Columbia black enamel cook stove w/hot water tank & pipe shelf, good condition. 215-593-5754.

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Try Before You Buy. Working Software Demos. Available. Farm Software Services, Bernville, PA 215-926-3167.

Computer applications, Cash Flow, Business Analysis, Livestock & Farm Management, Dairy Program Management. Call 717-867-4936. Newton Bair, 200 S. Spruce St., Annville, PA 17003.

AUTOMOBILES

'41 Chevy Coup, basket case, $800.00. 215-646-9057 or 215-542-7980.

1973 Eldorado convertible. Very fine, $5,700. 215-356-5305.

Dual post car lifts in good condition, $600. Complete Units. 215-542-7980 or 215-646-9057.

Lancaster Dump Body w/6 ton hydraulic hoist, $2,000; 350 Chevrolet gas engine, 60,000 miles, $400, w/trans., $500; 327 Chevrolet gas engine, 67,000 miles, $400, w/trans., $500. 717-665-5827.

1966 Pontiac Convertible, excellent condition, power steering, power top, $2500; 1972 9-pass Buick station wagon, $500; 1971 Mach I 4 speed, sharp car, excellent condition, $2800. 717-533-3144.

RECREATIONAL VEHICLES

Suzuki 400, very fine, $800. 215-356-5305.

HELP WANTED

NEEDED IN AG RELATED OFFICE CHESTER COUNTY
Jack of all trades
(Typing, mimeograph, reception, P.R. writing, audiovisual, creative)
Master Of Some
Jack
P.O. Box 6
Exton, PA 19341

PETS

Wanted: Puppies, all breeds. Jack's Dog Farm, Rt. 611 Pipersville, PA 18947. 215-766-8802

Wanted - puppies for pets. AKC purebred mixed litters, 717-442-4259.

Charles Hackett Puppy Buyer. Needs pups starting early August. Call 215-924-8882.

AKC St. Bernard puppies. Born 4-26-84. Bedford County. 814-276-3157.

AKC registered boarder terrier pups, very good farm dogs, kill rats & groundhogs, very good with children. 215-588-4704.

Golden Retriever - German short hair puppies. Ready to go. Phone 717-626-1088.

For Sale - Olde English Sheepdog, well trained, wonderful personality, 9 months old. Must sell. Phone 717-838-2161.

Quality golden retriever puppies, excellent bloodlines. Whelped 5/29/84. Will have shots and wormed. No Sunday calls, please. Lewisburg. 717-524-4631.

Registered Australian Shepherd; Female, Black Tri, 4 months old, $50. 814-847-2869.

FOR SALE - Boarder Collie pups, $125. 215-869-3688.

FOR SALE - Puppies, Airedale, German Shephard, Siberan Husky, Old English Sheep Dog, Cairn, PitBull, Fox Terrier, Schnauzer, Mt. Airy Kennels, Ephrata. 717-733-7751.

7 week old Collie pups. Very nice markings. Daniel B. Zook, Mt. Pleasant Road, Box 141, R.D. 3, Quarryville, PA. 17566.

Wolves (3) Purebred. 1 Timber female, 1 Artic male and their son. Reasonable
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PUPS WANTED
July 30 and 31
by **Jo Jo**
I will pick up pups in Terre Hill area - 12 Noon,
New Holland - 1 PM
Georgetown - 3 PM
Kirkwood - 4 PM
on Monday, July 30 and on Tuesday, July 31 - at Root's Farm Market off Rt. 72, Manheim, PA, From 8-10 PM
New Summer Hours

For details contact JoJo after July 25, 1984 at
609-452-8903
or
301-778-6666
For best results call early mornings
Keep trying.
P.S. Pup stand closed at Root's until July 31st

MISCELLANEOUS

FOR SALE - New and used automatic washers, dryers, gas and electric refrigerators, ranges, used wringer-engine washers, new bedroom furniture. Open 7:30 to 4:30; Saturday, 7:30 to 12:00; evenings by apointment. Myer's Washer-Dryer, Rt. 772, between Brownstown and Leola. 717-656-7169

2" new boiler flue pipe, exc. for gates or fencing. 717-872-9152 days, 872-2579 eves. and weekends.

One hive or 50, some with honey crop. Call 301-838-7648.

Bought and sold new and used cardboard boxes; drums, plastic scrap, Reliable Recyclers, 178 Greenfield Road, Lanc. PA, 17601, 717-397-7695.

Locust post, fully seasoned for fencing, landscaping, etc. Wholesale quantities. 717-755-5587, evenings.

Wood shavings with some dust. 5 ton loads. Keller Sensenig. 215-445-6164.

Front End Wheel Alignment Machine, Bear Model 624, $250.00. 215-646-9057 or 215-542-7980.

For Sale - Welded wire mesh in 10' lengths, 14 gauge, 1" by 2" mesh, 4½' wide, $3.00 per 4½' W by 10' L sheet. Delivery available. 717-354-9840.

Wanted - Good used 36" or 48" hydraulic cider press. David M. Swarey, Star Rt., Box 224, Allensville, PA. 17002.

Wisconsin air-cooled VF4 baler engine, very good condition, electric start, $225.00 near Elkton, MD. 301-398-1348.

WANTED - Grist mill stones and other mill equipment for restoration. York Co. 717-755-8884.

Wisconsin air-cooled VF4 baler engine, very good condition, electric start, $225.00. Near Elkton, MD. 301-398-1348.

WANTED - Log cabin or timberframe barn, disassembled, to be reconstructed on new site. York Co. 717-755-8884.

For Sale - Pole length firewood. Call after 7 PM. 717-374-8965.

For Sale - Rabbit cages and equipment, best offer. A.P. King, 386-A Centerville Road, Gordonville, PA. 17529.

Wanted - Japanese Samurai swords, German and Japanese war souvenirs. Old family quilts also purchased. Cash paid. Dan McCauley. 215-265-6942. Collect calls accepted.

For Sale - Rubber Matting, 100 sheets, 1"x24"x10'; (3) high volume fans from Navy; 250 gal. SS tank, insulated w/manhole; 3 bucket elevators. 201-938-3342.

Rex Rabbits, good selection of colors, from show-winning, blood lines. 717-349-7456.

100+ year old, two seat antique surry. Mint condition, like new. 717-374-8490.

FOR SALE: 2 stainless Surge milkers & strainer, $50; Hammond church Model organ, speaker & chimes, $500.

Wood and metal cutting bandsaw blades made to order. Can be mailed. 717-733-0511.
Martin's Sharpening
RD 1
Ephrata, PA. 17522

Patz barn cleaner, excellent condition, $2,000. 200' of chain. 717-539-8621.

Air dried rough cut lumber walnut, $1.50 ft, cherry, $1.00 ft. Carlisle, PA 717-258-6639

Needed - portable sewing machines and sewing equipment for youth to learn sewing. Fleetwood 4-H Club (Berks) 215-944-9434 or 215-926-1058.

MISCELLANEOUS

For Sale - Timbers and other lumber from large barn. Also brand new 60 h.p. Perkins gas engine 717-726-3659.

Old Cider Mill Wanted - Complete or partial. Call collect. 201-735-5813 or 201-782-4331.

We Pay Top Prices For Standing Hardwood Saw Timber
Weaver Bros. Sawmill
Beaver Springs, PA
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collect
after 5 PM

MISCELLANEOUS

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Blow in Cellulose Rock Woll or Fiberglass insulation.
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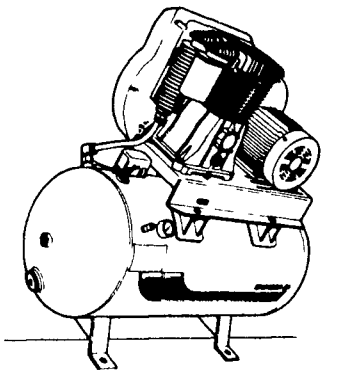

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Sale ends July 31, 1984

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Uses include: Painting, Grinding, Cleaning, Inflating, Power Tools, Power Staplers, Agitation Mixing and Stripping Metal and Wood.

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H.P.	Tank	C.F.M. Disp.	C F M. at at 90 P.S.I	Volts	Phase	Max. Rated Working Pres	Retail Price
5	60 gal	23 8	19 8	230	1	150 P.S.I	$1,525

Other Compressors Available from 1 to 10 Horsepower Single and Two Stage

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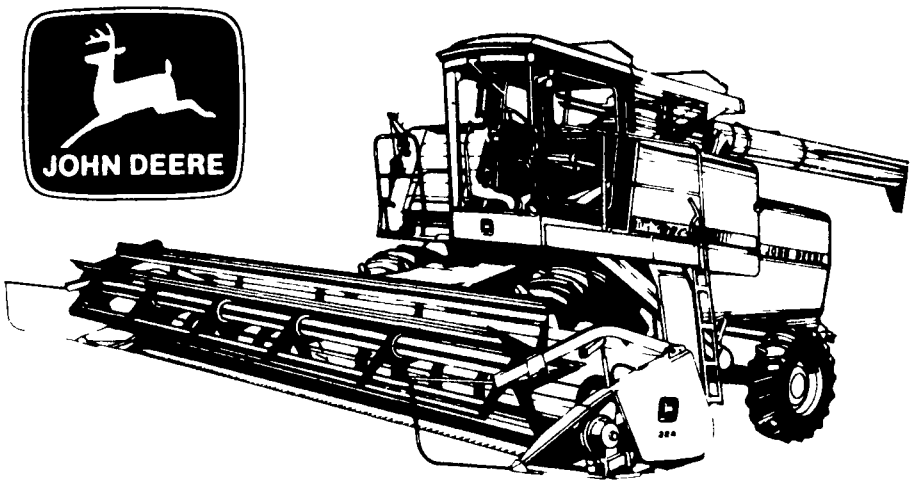
Wescosville, Pa.

Division of Faindl's Farms



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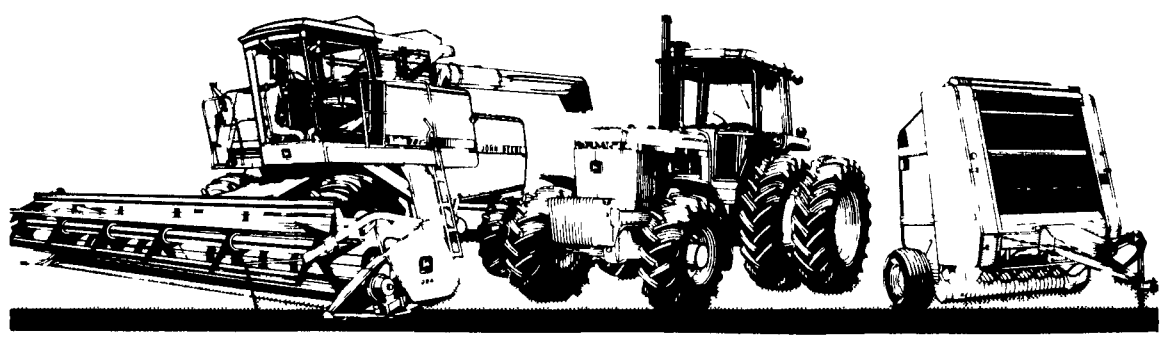

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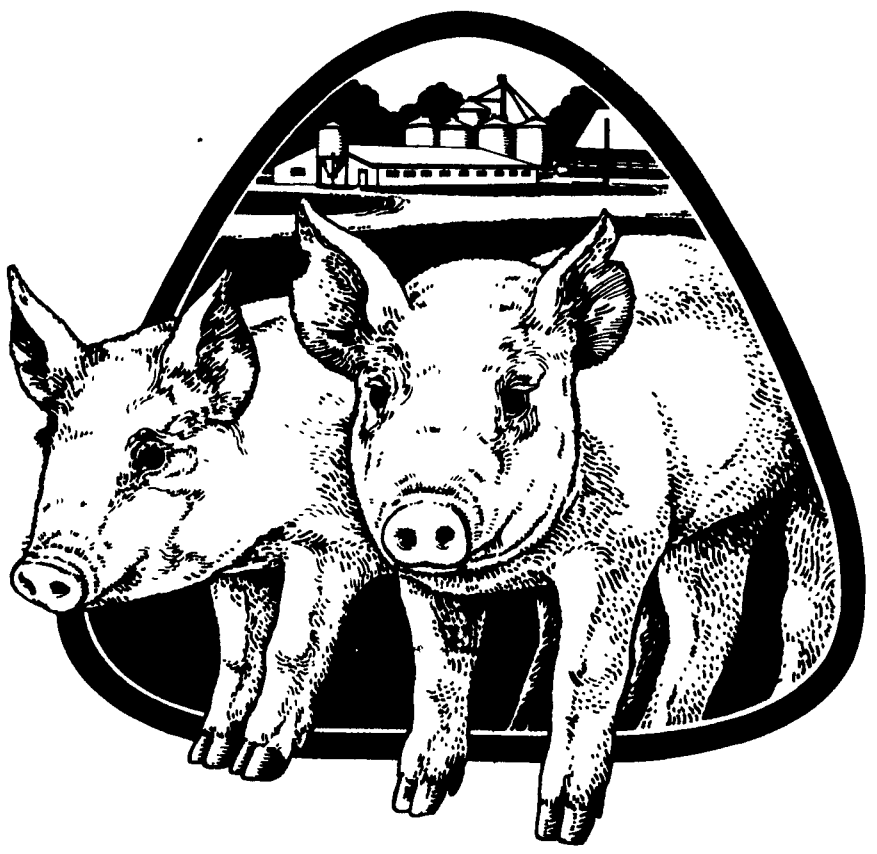

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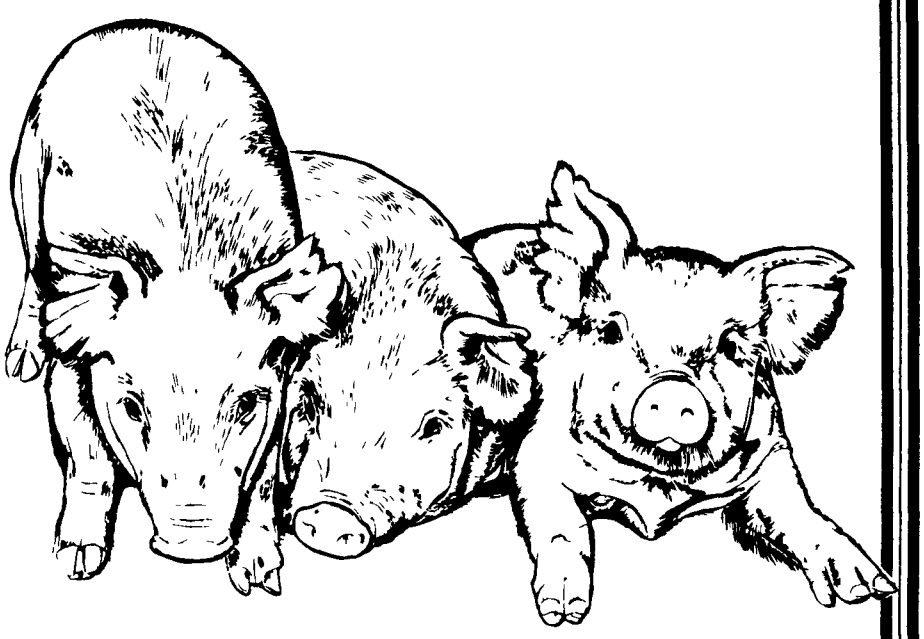

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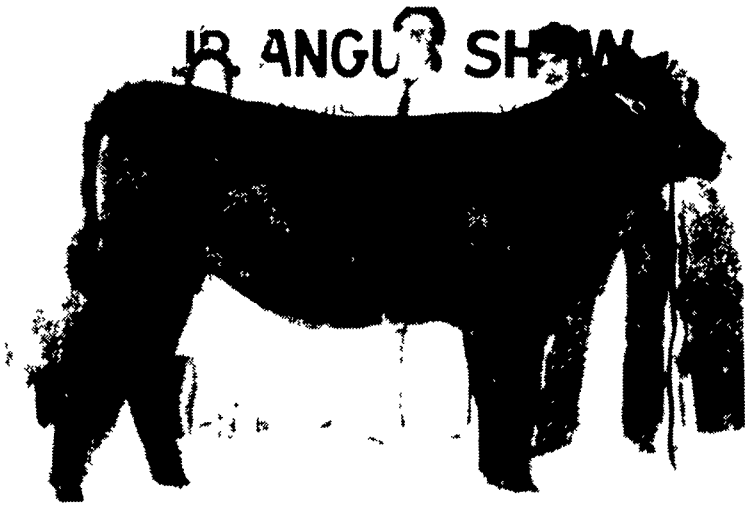


Rains Skylight B P 8 was presented the intermediate champion heifer title. This heifer is owned by Eric Ligo, Mercer, Pennsylvania.

Pa. Juniors show 'winningest' heifers at Angus Show

HARRISONBURG, Va. — With nine first-place wins, Pennsylvania's contingent of 24 heifers was clearly the "winningest" team at this year's Eastern Regional Junior Angus Show on June 16.

Pa. heifers also went home with five second-places, two third-places and four fourth-place wins in competition.

Junior Angus breeders brought 203 bulls and heifers to the Rockingham County Fairgrounds in Harrisonburg, Virginia, to compete for top honors, with judge Steve Weaver, Peoria, Illinois, awarding the juniors' their placings.

In the bred-and-owned heifer division, the blue ribbon went to D S K Grand Erica 683, shown by Diane Krause, Slatington, Pennsylvania. Fritz Frey, Quarryville, Pennsylvania, exhibited the reserve champion bred-and-owned heifer, T O F Friskys Pride 1273.

Angela Smith, Russell Springs, Kentucky, won the champion bred-and-owned bull banner with her entry, S A F Skywalker, and Darrell Bowman, Waynesboro, Virginia, was awarded the reserve champion bred-and-owned bull title on D S Mr. Angus 403.

Judge Weaver went to his junior winners for champion and reserve champion heifer in the division where the heifers are owned but not bred by the exhibitor. Victoria Johnson, Summitville, Ohio, took champion laurels with Summitcrest Miss Angus R003. Premier Super Eline claimed the reserve champion spot for Heather Lamond, Bluemont, Virginia.

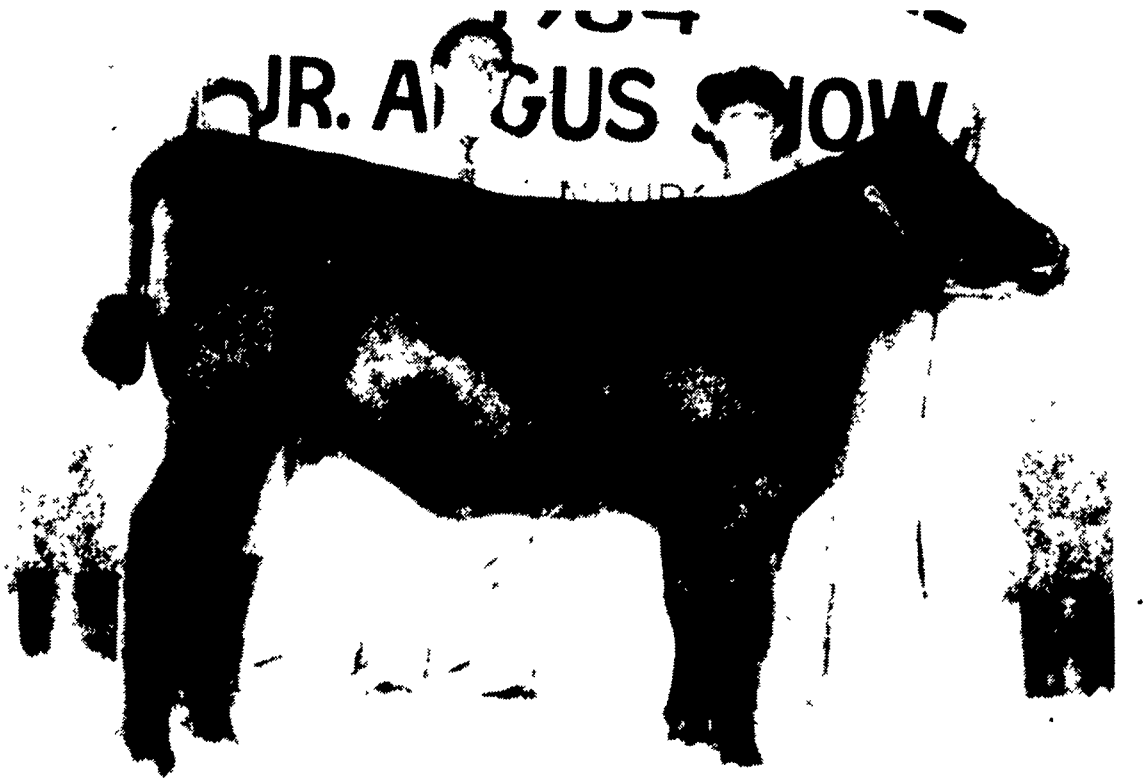
Intermediate champion heifer was Rains Skylight B P 8, owned by Eric Ligo, Mercer, Pennsylvania. The reserve intermediate champion heifer, Queen Victoria 3 of W V was shown by Erica McClellan, Kennett Square, Pennsylvania.

Carla Smith, Russell Springs, Kentucky, led Richwood Hi Gal to first place in the heifer calf division, and Chris Jordon, Kennett Square, Pennsylvania.

Carla Smith, Russell Springs, Kentucky, led Richwood Hi Gal to first place in the heifer calf division, and Chris Jordon, Kennett Square, Pennsylvania, followed behind to the reserve spot with Blackbird 992 of G U.

In the cow-calf division, Taurus Power Queen R22 and her M&S Triple Play 2529 bull calf won top honors for Thomas Russell, Stevensburg, Virginia. Brian Bowman, Waynesboro, Virginia, exhibited the reserve champion cow-calf pair, Doubel B 520 Burgess 6291 and her Premier Progressor bull calf.

In the group-of-five competition, the Pennsylvania Junior Angus Association placed first; the Virginia Junior Angus Association finished second: third went to the Kentucky Junior Angus Association; and fourth to the Maryland Junior Angus Association.



The Pennsylvania Junior Angus Association exhibited the first place group of five at the 1984 Eastern Regional Junior Angus Show, Harrisonburg, Virginia.

Dale Rains (right), Mercer, Pennsylvania, won the Premier Breeder award. Presenting Dale his silver bowl is Mark Wyble, junior activities director for the American Angus Association.

Champion bred-and-owned heifer at the 1984 Eastern Regional Junior Angus Show was D S K Grand Erica 683, shown by Diane Krause, Slatington, Pennsylvania.

Livestock Ledger

By

Chester D. Hughes

Extension Livestock Specialist

Whenever two or more persons are involved in the farming operation, whether as co-owners or employer-employee, interpersonal relationships become a major factor in the continued success of the business. Today most commercial hog operations involve more than one person.

Confinement hog units require an employee with unique traits. Hog production especially in farrow-to-finish units, covers the entire range of biological production processes and related problems, from breeding to marketing. There must be a willingness and desire to work with animals.

It is impossible to supervise every task, so look for potential employees that are disciplined, self-starters and that have a desire to complete assigned tasks correctly. Prior experience with hog production is usually desirable.

Some employers have elected to employ part-time trainees to develop an available pool of trained, experienced persons to fill permanent positions as they become open on their farms. This process reduces training time needed for new employees.

A second unique problem of providing labor services to the typical confinement hog unit is the smaller number of employees, frequently only the owner-manager and one employee. The one-on-one, employer-employee situation places great emphasis on the individual's personalities and what it takes to motivate him.

A third unique characteristic is the wide range of building systems and production technologies available to hog producers. Feeder pig producers, feeder pig finishers, and farrow to finish operations may each stand alone. Although more standardization of production facilities now exists, there is still a wide spectrum of housing, ventilation, manure removal and feed processing technologies available.

Although production facilities vary, one common feature is the pig – his biological processes, nutritional needs, disease, and parasite problems and his response to environmental stresses.

Discovery and recruitment of potential employees is an unstructured process over the whole hog production industry. Recruiting visits to universities and vocational schools, advertisements in trade magazines, contacts with other hog producers and supply firms, and a keen interest in FFA and 4-H programs in the local community are all used with varying success by employers.

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Pork Prose

by
Kenneth B. Kephart
Extension Livestock Spec.
University of Del.

Swine producers in the East have been getting plenty of experience feeding four dollar corn. In fact, feed prices everywhere have been tough to swallow for almost a year now. Are you getting the most for your money? Every phase of the operation deserves a hard look, but one spot that's often missed is the feeding program for the sow herd. That's unfortunate since the feed bill there accounts for 25 percent of the total cost of finishing a hog.

The easiest way to feed a sow is to give her five pounds a day when she's pregnant and keep the feeder full when she's nursing. By doing that you can keep any sow content. But you'll miss some factors, too–like differences in production and changes in season. And you may not get the most efficient transfer of nutrients from the sow to her litter.

So what's the best feeding program? Before I try to answer that, remember that you can not separate stages of reproduction. The level of nutrition provided through pregnancy will affect the sow during lactation. And whatever you give her during lactation will influence what happens at breeding. With that in mind, here are some points to consider in improving the feeding program for your sow herd.

Let's start with gestation. The National Research Council recommends a metabolizable energy intake of 5760 kcal per day during this stage of the reproductive cycle. That boils down to four pounds of a normal corn-soy ration and agrees with the results of most studies conducted in the last 15 years. So the producer who's feeding five pounds is probably feeding too much. Sure, sows in his herd will gain more weight during pregnancy, but they'll also lose more during lactation.

On the other hand, folks that feed less than four pounds per day almost certainly will see lower than normal birth weights, unless this level is boosted in the last month. And sows that continuously receive more than five pounds will farrow large pigs. But these sows will be fat, they'll farrow fewer live pigs and, of course, this will cost more money. An exception to this may occur during cold weather. There are no hard and fast rules on the right feeding levels through winter, since environments vary with each farm and with climatic conditions. The key is to watch your sows closely and adjust feeding levels to keep them in good flesh.

Whay about late pregnancy? A recent cooperative study from the Southeast shows that increasing feeding levels from four pounds to seven pounds during the last 3½ weeks of pregnancy improves birth weights and survivability of pigs. Other studies indicate five or six pounds may be enough to get the same effect.

A similar practice is adding fat to the ration late in pregnancy. Several studies show that energy stores and the pig's ability to withstand cold stress are improved slightly by doing this. If the high fat level is maintained in the lactation diet, percent milk fat and daily milk production may be increased as well. All of this goes a long way toward helping low-birth-weight pigs that normally don't survive.

While adding fat to sow diets has been a popular research topic, the practice has been slow to catch on in the industry – for a couple of reasons. One is handling. Many studies include 10 percent added fat, which isn't easy to manage. And some studies use 40 percent fat, which is a mess. The most practical way of adding fat appears to be as a topdressing.

How long before farrowing should you add the fat? It's probably more important to ask how much. Dr. J.E. Pettigrew of the University of Minnesota, who recently reviewed the subject, suggests that the sow consume at least 2¼ pounds (a little more than 1 quart) before farrowing. The most consistent results seem to occur in those experiments that fed between 4½ and 9 pounds of fat before farrowing. To feed nine pounds over a five-day period before parturition, you would top-dress about 1 quart of fat on the feed each day.

Another minor glitch is the response to feeding fat. Sometimes it doesn't work. If the survival rate in your farrowing house is already over 80 percent, it's probably not worth the effort to add the fat.

To summarize, under most conditions four pounds of feed per sow per day will be adequate during gestation. Increase the level to seven pounds at day 90 of pregnancy. This "two-phase" program will save you more than 70 pounds of feed per sow, compared to providing her with five pounds throughout pregnancy.

The proper feeding level during lactation is tough to define since it depends on a lot of factors – like the sow's milking ability, body size and condition, size of the litter, length of the nursing period and environmental temperature. The National Research Council recommends between 8.8 and 12 pounds of feed per day (12,780 to 17,570 kcals metabolizable energy). In practice a lot of swine producers full feed sows during lactation to maximize milk production. Under these conditions older sows will generally consume 12 to 15 pounds per day. Will this extra feed make more milk and if it does, is it worth the added expense?

A 1973 study from Ireland shows higher milk yields as feed intake increases from 10 to 15 pounds per day. In third-litter sows, 21-day litter weight also improved. But the response was not significant in first- and second-litter sows. And numerous studies from this country indicate that any increases in weaning weight are small and do not justify full feeding sows. Unfortunately most of these studies used first-litter gilts, which are entirely different critters than older sows.

So what's the best approach? Use common sense. Sows with small litters should be limit fed. A good rule of thumb is six pounds for the sow and one-half pound for each pig. This standard may also work for larger litters. While a higher feed intake than this may increase milk output, research shows that as feed consumption goes up, the efficiency of converting that feed to milk goes down.

Full feeding should probably be reserved for sows with litters of 9 or 10, or for those losing a lot of weight during the nursing period.

During hot weather, the problem often is getting sows enough feed, rather than their eating too much. Under these conditions, reduce fiber levels to a minimum and consider top-dressing one-half pound of fat per day on the feed.

As for postweaning rations, a few years ago it was common practice to starve a sow for a day or two after weaning – in hopes of "stressing" her into a quick return to heat. Research since then shows there's no merit in this practice. A sensible approach is to feed her as you would through gestation. Some folks advocate full feeding sows during the postweaning period, but experiments at Texas Tech found essentially no benefits from the extra feed.

The bottom line in feeding sows is that every situation is different. Your goal as a producer should be to get maximum productivity with the minimum cost. So take a look at the feeding program for your sow herd. You might be giving them more than they need.

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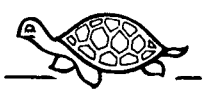

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Evans, Butz address Congress '84

SAN ANTONIO, Tx. — The agricultural sector is in for a "difficult five years," according to economist Michael K. Evans, president of Evans Economics, Washington, D.C.

Speaking here in the opening session of Livestock Marketing Congress '84 on the "Economic Realities" facing the livestock and meat industry, Evans said a number of economic factors have combined to put the crunch on agriculture. These incude continued high interest rates, a swiftly mounting federal deficit and an overvalued U.S. dollar that stunts export market growth.

While the good news is that inflation will not present a problem over the next five years, averaging about five percent per year, Evans said there is also a negative side to this news.

Low inflation, without a corresponding drop in interest rates, means that those producers who are "looking for higher inflation to bail them out" of their current financial difficulties "are going to be disappointed," he said.

Speaking in the same session on "Political Realities," former U.S. Secretary of Agriculture Earl L. Butz said the U.S. has come full cycle in agricultural policy from the Agriculture Adjustment Act (AAA) of 50 years ago to the Payment-in-Kind (PIK) programs of today.

"We didn't call it PIK then," he said, but he pointed out that the objective of both programs was the same: to bring U.S. agricultural production back to manageable and profitable levels for producers.

"We've come full cycle...but I'm not sure if we've learned anything" Butz commented. "All some folks learn is that they've been wrong again.

"We're trying to shrink the agricultural plant," he continued, "but we haven't really faced up to the realities of cutting back. If you're really going to control output...supply...you're talking about a marketing quota. I think that's the alternative we face."

Government price support programs send the wrong signal to the world market, Buzz said.

"We have formed a price floor for the rest of the world with our farm programs," he stated. "It sends a signal to the rest of the world that we're taking the risk out of commodity production — they only have to undersell U.S. grain by $10 a ton."

Through the Commodity Credit Corporation (CCC), the U.S. has also shown that it will "store grain for the world," Butz said, and that the U.S. will cut back in times of overproduction. So he said we should not be surprised when other nations increase their production to fill in the gaps.

"If we learn anything, we should have learned that a government grain bin is not market," Butz said. "It hangs over the market."

Butz, who now serves as Dean Emeritus of Agriculture at Purdue University, also criticized the 1985 farm bill, specificially, and U.S. agricultural policymaking procedures in general, noting "the level of economic literacy in the Congress is amazingly low."

He pointed out that the 1985 farm bill passed by the House only funds the food stamp program for eight months. "Anyone who thinks we're going to cut off food stamps after eight months is naive," he commented. "It's a great game they play...but it makes me almost despair of any real attack...on this deficit that's going to keep interest rates high."

Even if the government is able to slow down federal spending, said Evans, taxpayers should not expect to see a reduction in the federal deficit. That deficit will increase by $20-30 billion annually due to interest costs alone.

Over the long run. Butz said he's optimistic about the outlook for U.S. agriculture. An "exploding" world population...means world food production will have to double over the next 25 years, he noted.

"The world is hungry for animal protein, and we've got the stuff in this country from which you make it — feedgrains and oilseeds," Butz said.

But Evans viewed the situation differently. "The world still needs to be fed," he agreed, "but not at our prices. There are people who will feed them cheaper."

USDA to reapportion Egg Board membership

The Pennsylvania Poultry Federation closed its Lancaster office yesterday according to executive director John Hoffman. The Federation had opened a temporary office in Lancaster in early November in the same building which serves as headquarters for the Federal Avian Influenza Task Force.

According to Hoffman, the situation no longer needs day-to-day attention, however he said that the Federation will be monitoring events on a weekly basis from its Harrisburg headquarters.

"We are confident that we won't see any more cases of highly pathogenic avian influenza like we had last winter," continued Hoffman, "and it appears that all major decisions on USDA's part have been made."

Hoffman says that the Poultry Federation will continue to push for an expeditious lifting of the remaining quarantine zone and continued state indemnity for farmers' cleanup costs.

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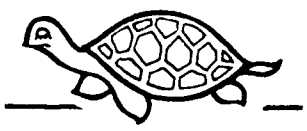

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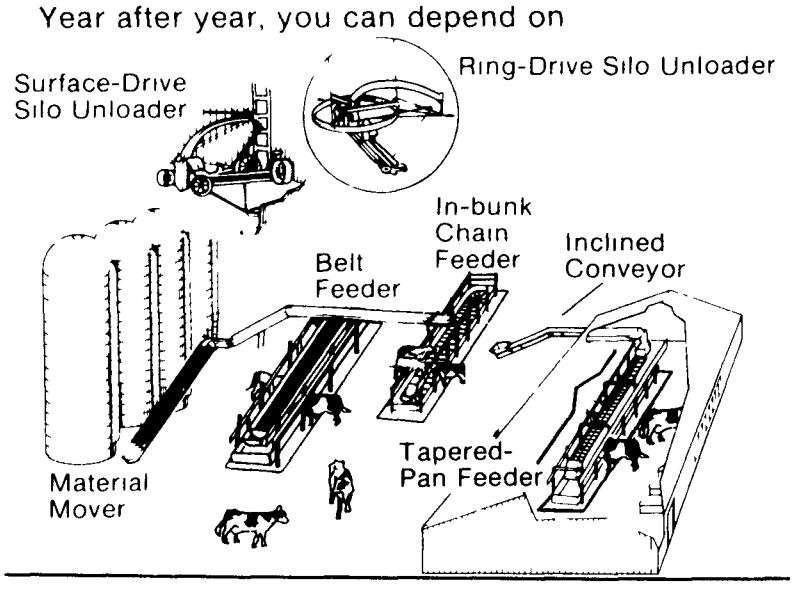

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'New Reality' defined at Marketing Congress '84

SAN ANTONIO, Tx — There is a "new reality" facing the livestock and red meat industry, nearly 20 speakers, panelists . and moderators agreed at the recent Livestock Marketing Congress '84, held here.

Economists, a former U.S. Secretary of Agriculture, academicians, specialists in consumer demand, and spokesman representing all sectors of the industry brought this annual leadership-level conference a clear message: no matter where you are in the chain that brings meat from the pasture to the plate, you must begin doing things differently in order to prosper.

Today's livestock and meat industry is being rocked by economic, political and structural influences, and must face up to changing consumer demand and needs to take a long look at its own traditions and attitudes, speakers at the first day of the two-day conference emphasized.

They set the stage for the final session, when seven top industry spokesmen gathered for a three-hour panel session at the Hyatt Regency Hotel.

With many of the industry's elected and executive officials listening, Jack Maddux, an award-winning cattleman from Wauneta, Neb., said he was optimistic about the future, "because we are facing our problems head-on."

And, he said, "Some of the attitudes of the 1920s and '30s might be coming back, and might be appropriate today." These he identified as "some shunning and reduction of debt."

Maddux, named 1984 Cattle Businessman of the Year by the National Cattlemen's Association, was critical of "Our buy now, pay later attitude." He traced this attitude back to the belief in the 1970s that land prices "always (go) higher."

Higher prices for livestock "may not in the long run solve all our problems," he said. What is needed is "efficiency, innovation and cost control," along with operations that are competitive.

John Saunders, Osborne, Mo., is a former president of the National Pork Producers Council. He traced how pork producers are dealing with "The New Reality" by looking at the history of the pork industry from the mid-1950s through the present.

Over the last 25 years, "We've taken 50 percent of the fat off hogs," and today "Pork is now a food for the '80s, and in tune with today's lifestyles," he said.

But the 1980s have also been "a time of stress' for pork producers with overproduction problems, and more competition for the protein dollar with poultry, fish and beef.

Through extensive research, the pork industry has "segmented our markets," Saunders said. This research was undertaken because today's pork producer "demands greater accountability" for his national check-off dollars.

In the future, more specific types of cattle will be bred and fed to meet consumer demand, said Zay Gilbreath, president and general manager of Caprock Industries, Gruver, Texas. The feeding industry spokesman also predicted more direct marketing of cattle going into feedlots.

Traditional livestock markets will not disappear, he said, but there will be more use of various forms of electronic marketing.

Gilbreath told the Congress audience that there will be more forward contracting of cattle, and changes in the futures market, "and don't (you) be the last one to find out" about those changes.

He also predicted that although the problems created for the industry by the sale of mortgaged livestock are "severe," Congress will not change current laws because of pressure from the banking industry.

L. Stanley Schoelerman, a marketing businessman from Spencer, Iowa, said those in the industry will have "to become businessmen. We've tended to become sloppy, and let (rising) inflation cover up our mistakes."

Schoelerman predicted fewer livestock dealers in the future, more video marketing and said producers will bear "more and more the cost of marketing" their livestock.

He also said large numbers of livestock will continue to be owned by people who get their primary income elsewhere.

A debt-free agriculture isn't an ideal situation. Schoelerman said. Noting statistics show that 50 percent of farmers have no debts, he maintained, "They aren't the ones I want to build agriculture on, (because) they're elderly, they're not progressive, they're not leaders."

He said that "The leaders of agriculture tomorrow" are in serious financial difficulty today.

The retail sector is "going to try and do a better job of pleasing customers," said Charles E. Hendryx, vice president of meat marketing for the H.E. Butt Grocery Co., Corpus Christi, Texas. The firm has 148 supermarkets in south and central Texas.

"The customer is the boss," Hendryx said. "We want to promote the convenience, the nutritional and economic values of beef.

"The new reality' tells us it's time to examine the traditional ways of merchandising and get in step with today's customers...it's a time when we need leaders, more than managers."

Hendryx also said he was concerned about consumers' concerns related to the healthfulness of red meat, and about the attitudes of children "raised in homes where eating meat is not the popular thing to do."

K. Bailey Nichols, vice president for planning and corporate development, Wilson Foods Corp., Oklahoma City, said he believes the "price differential between red meat and other meats" will be the most important factor for the industry.

He said world population growth will not help demand for red meat, since the demand will come from people who can't afford meat. Nichols also predicted that "producers will teamup with processors" to produce meat for changing consumer demand.

The packer spokesman said that rising labor costs will bring about more pre-cutting of meat before it reaches the retail store.

While he said pork has a "better opportunity" in the future than beef, he added, "Leadership will determine who survives and propsers during a period of change."

The food service industry "tries to adapt to what consumers want. We don't do a good job of communicating that back to producers," said Robet Reierson, director of commodity analysis for Saga Corporation, Menlo Park, Cal. Saga provides food to schools, hospitals and institutions, and owns a variety of restaurant chains.

Although the four leading items Saga sells are beef, Reierson noted that consumers are looking for more diversified foods when they eat away from home. Pork and poultry products are increasing in popularity, he said.

Reierson, who for several years was corporate economist with Monfort of Colorado, said he believes that over 50 percent of all beef ribs and loins are eaten away from home, and the total may be as high as two-thirds.

The future for the food service industry is to go to more customer service, he said.

Congress '84, conducted June 13-15, attracted approximately 350 registants to four program sessions.

TANKS TANKS TANKS

Massey-Ferguson has introduced the MF 266, a versatile field cultivator designed to handle weed control, seedbed preparation, chemical incorporation and summerfallowing.

MF cites new cultivator

DES MOINES, Ia. — It takes a versatile field cultivator to handle field work that includes weed control, seedbed preparation, chemical incorporation and summerfallowing.

Massey-Ferguson has introduced the MF 266 field cultivator to handle all these tasks.

The new MF 266, featuring both mounted and pull-type models, is available in 47 different configurations to fit tractor power and field size as well as transport width and height restrictions.

Mounted, Pull-Type

Mounted models of the MF 266 are available with eight, nine or 13-foot main frames with an overall working width of up to 25 feet. The three-bar design frame of the mounted unitis 67 inches deep from front to rear, giving ample room between shanks for trash flow-through.

Pull-type models are equipped with a well-braced four-inch square tubular steel hitch for strength and reliability. Center sections of 10, 13 or 17 feet are offered to provide flexibility and meet transport width requirements.

Frame depth is 89 or 96 inches depending on model. Overall working width ranges from 9 feet 11 inches with rigid frame to 49 feet 7 inches on the five-section folding pull-type models.

The smaller pull-type models have single main frame axles and economical crank-adjust gauge wheels on the wings. Larger models offer the option of tandem axles on both the main section and the wings with hydraulic control for convenience.

The double-folding, five-section wing frames on the larger sizes reduce transport height for safer movement and storage convenience.

Greater Trash Flow

Twenty-four inch vertical clearance from the tip of the shovel to the underside of the frame allows more trash flow for non-stop operation, while seven-inch shank spacing is close enough for better weed control and thorough chemical incorporation.

The MF 266 features a 2 ½-inch square welded tube frame for rigidity and long life. The 9/16-by-1 ¾ inch shanks on extension spring mounts, absorb shock loads and trip out to 16 inches high when contacting hidden obstacles.

Optional three- and four-bar mounted finishing harrows are available to give a final finish for a smooth seedbed. They feature coil teeth design with adjustable angle and 12-inch teeth for vibrating action to break clods and control stirring action for customer preference.

For more information on the mounted and pull-type MF 266 field cultivators, contact your local Massey-Ferguson dealer.

PennAg celebrates 106th year at Grain Meeting.

BY JACK HUBLEY

LANCASTER — "We're being confronted with more health and environmental issues than ever," noted PennAg executive vice president David Brubaker at the organization's Annual Grain Meeting on Monday night. "We must have a positive approach and sometimes that's going to mean admitting that there is a problem."

After outlining several important legislative topics being watched closely by PennAg, Brubaker underlined the importance of active communication between congressmen and their constituents.

'I can assure you that 50 letters arriving in a congressional office on a single topic is an avalanche, and 25 well-written letters will receive serious consideration," Brubaker stressed.

This year's meeting marked the 106th anniversary for PennAg, the Ephrata-based political watchdog organization serving Pennsylvania agribusiness at the state level.

Founded in 1878 as an organization representing eastern Pa. millers in a dispute over freight rates favoring their western counterparts, PennAg currently characterizes itself as a vital "Third Force", acting as liaison between state government and the private sector.

Following Brubaker was PennAg president George H. Blankley of S.F.Scattergood and Company in Narberth. Blankley cited several areas of concern including the Chesapeake Bay and animal rights issues, adding that many of the problems facing agriculture are politically generated.

Zeroing in on his "pet peeve", Blankley noted that the proposed $1-per-ton feed tax would fund the construction, staffing and equipping of three laboratories at a total cost of $14.5 million, for diagnostic work and research on diseases such as avian influenza. Blankley emphasized that one laboratory would certainly be sufficient.

Intended as both a social and educational function, the Grain Meeting features guest speakers offering insight into crop prospects and marketing strategies.

This year's speaker was Merrill Phillips, vice president of The Ingredient Exchange, Inc., of Fort Wayne, Indiana. Previously with Central Soya, Phillips was responsible for the purchase of all major and micro feed ingredients for the production of Master Mix feed for over 30 manufacturing facilities nationwide.

Speaking on the principles of buying and selling feed ingredients, Phillips listed his 10 "buyer beware's".

Featured speaker at PennAg's Annual Grain Meeting on Monday evening was Merrill Phillips of The Ingredient Exchange, Inc., Fort Wayne, Indiana.

Phillips' first two topics were lack of self-discipline and lack of patience.

"There are times when you should not own that one truckload of a commodity that you need to make feed this Wednesday," the buyer observed. "One of the hardest things to do is wait on the sidelines."

Phillips also underlined the importance of a "game plan". Speaking on long-term purchasing strategies, he said that buyers should know their winter fiber requirements by August. The most significant market profits are the result of decisions made in the deferred position, Phillips said.

Other purchasing pitfalls include lack of money management and overtrading. Phillips also warned buyers not to trade against the trend, stating that such a move was like standing in front of a freight train. "Either get off the tracks or on the train," he advised.

"As a rule, never add to a losing position," was Phillips' counsel on the subject of averaging a loss. "Add only to profitable positions."

Phillips also warned buyers to beware of oversuccess, telling them to decrease their market committment after a "hot streak".

"Don't allow your ego to throw away all you've achieved," he said.

Finally, Phillips cautioned against taking the advice of a "know-it-all".

"Everyday, all over the world, buyers and sellers are searching for that one price that best balances supply and demand," he said, "and no one person has a fool-proof trading system. Rely on two or three trustworthy opinions," Phillips concluded," and if you have a broker, treat him as a part of your buying team and not an outsider."

In addition to its Annual Grain Meeting, PennAg also schedules educational meetings, (such as a pesticide recertification seminar held earlier this month) on a wide range of pertinent agricultural topics.

Other services available to the membership include a group insurance plan and low-cost printing, particularly of feed tags where specific FDA requirements must be met.

PennAg is currently supported by approximately 460 active members, along with 150 affiliates.

Adjustable deep tillage tool cited

WELCOME, Mn. — Eagle Engineering & Manufacturing, Inc., Welcome, Mn., has introduced the first field adjustable Deep Tillage Tool. It has the ability to be quickly adjusted from 24" to 30" shank spacing by simply changing the settings on the manual adjustment arms. The Hydraulic option enables the operator to make the adjustment from the cab.

By being fully adjustable, this Tillage Tool can be used in a wide range of field conditions. In the closed position, the Land Lord will cover 60 to 90% of crop residue. Where more surface residue is desired, you simply move to a wider setting. The design of the unit enables you to do a complete tillage job in just one pass. With the shanks working at up to 24" deep, you will be shattering hard-pan and tillage surface soil at the same time.

The shanks are mounted on independent swivels to allow each shank to also move horizontally around obstructions without putting strain on the entire Tillage Tool. Each shank follows a 20" fluted coulter that cuts heavy residue to prevent plugging. Due to this unique design, the Land Lord requires only 20 to 25 horsepower per shank depending on soil conditions.

The Land Lord is available in 5, 7, and 9 shank models, fully mounted or pull type. All models are available with either ridged or automatic spring reset.

For more information, contact Eagle Engineering & Manufacturing, Inc., P.O. Box 295, Welcome, Mn., 56181. Or phone toll free 800-533-0528.

NEED MORE ROOM? Read The Classified Real Estate Ads

Eagle Eng. and Mfg., Inc. has announced the first field adjustable deep tillage tool.

Farmtronix adds Dairy Manager System

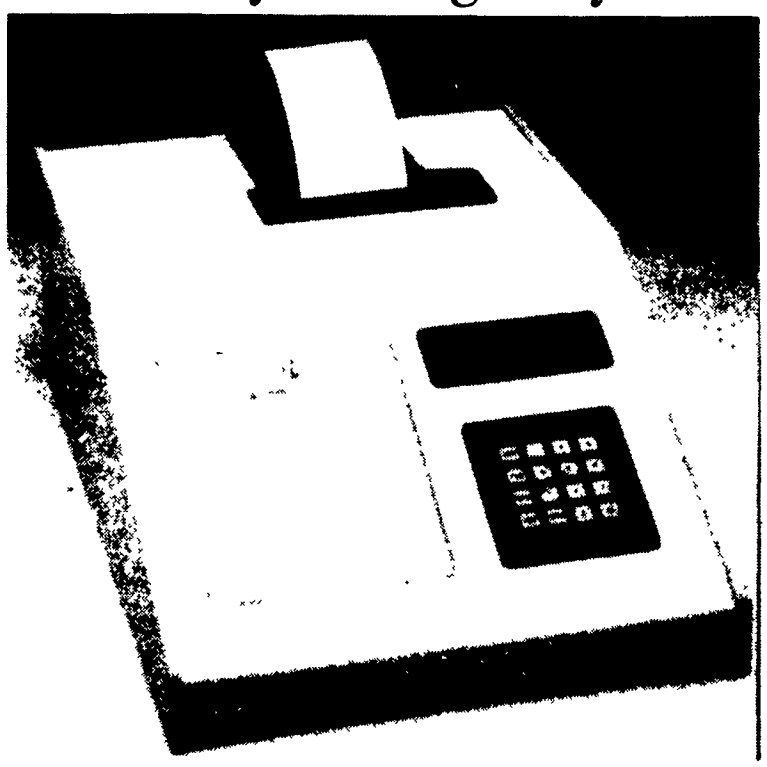
SHERIDAN, Wy. — Farmtronix has added another dimension to farm automation with the development of its new DMS (Dairy Manager System). This complete system is designed for dairy producers wanting an easy-to-use, upgradeable system. It will be available June 1.

Components of the system, developed by the Sheridan, Wyo., computer firm, include a computer control unit, cow identification tags, tag identifiers, and feed stations. Each component has been designed for durability and reliability in the harsh farm environment.

"The Dairy Manager System is built on the concept of upgradeability," says Clyde Vandivort, chief executive officer. "Producers can start with a base system and upgrade or expand their system according to their needs as this equipment becomes available." The system could eventually be expanded to include such functions as milk monitoring or personal computer communication and management programs.

The Farmtronix system can be installed quickly and will begin reducing feed costs immediately. The dairyman programs the computer control unit for dual or single rations and specific allocations for each individual cow. The computer control unit closely tracks the feed consumption of each cow and gives the farmer accurate printed reports. The dairyman can eliminate underfeeding the high producers and overfeeding the low producers.

The basic Farmtronix system also can be expanded with a cow calendar program which provides additional printed records. The cow calendar program covers heat alert, service pregnancy confirmation, dry-off list, steam-up list, status code list, single cow history and herd history. Even if the electrical power fails, a solid-state memory keeps records intact.



Vandivort says "Payback from the Dairy Manager System will depend on the individual herd. University studies indicate that computerized feed systems average a 12 to 18 month payback to producers."

Advantages of the system include:

Reduced feed waste. It feeds the correct amount of feed to the right cow.

Multiple feeding periods. It provides better feed conversion and more complete assimilation of feed nutrients.

Labor-savings. It is a 24-hour-a-day working computer.

Record keeping assistance. It provides for cross reference by cow number and D.H.I.A. number, also noting barn/group number.

Printed records. Records help producers make management decisions and provide a visual health alert.

Hardware for communications. Hardware allows linking to other electronic equipment.

"A farmer could learn the system in a few hours," Vandivort says. "It's a system that is very easy to operate, and leads you through programming step-by-step in the dairyman's own language."

Farmtronix, based in Sheridan, Wyo., specializes in computer based farm automation systems. For more information concerning the Dairy Manager System, call toll-free 1-800-443-8916.

Bush Hog reports rotary cutter

CARLISLE — Bob Weaver, of Carlisle, Bush Hog representative for Pennsylvania and New Jersey, has announced the addition of the new GT-42 powered rotary cutter to his extensive line of cutters and other farm implements. The GT-42 makes a three wheeler into a working machine by equipping it to cut grass.

Bush Hog is one of the largest manufacturers of farm implements in North America.

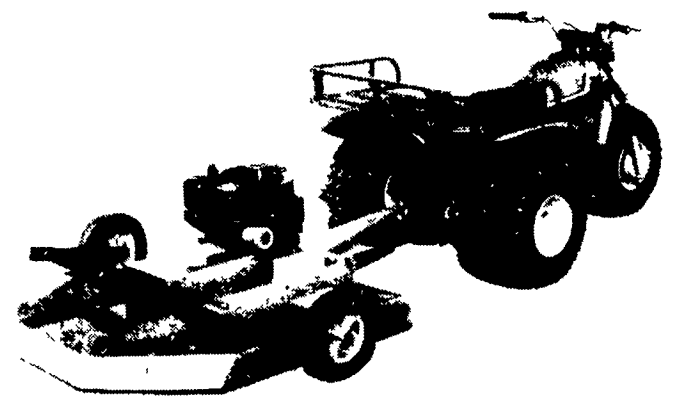
"The GT-42 helps owners get more use out of their three wheel motorcycles," Weaver said. "It is suitable for a variety of jobs around the home and farm, including cutting lawns, pastures and along fence rows."

Powered by an eight or 11 horsepower engine, the GT-42 drive system features a vertical shaft and a Kevlar construction V-belt for years of dependable operation. A centrifugal clutch protects against slippage.

Weaver notes that the fast blade speed – 16,300 feet per minute – allows the cutter to cut more efficiently. Cutting heights are controlled by a turnbuckle to allow for adjustments from one to six inches in any increment.

A clevis-type hitch is standard equipment for fast and easy hook-ups to cycles or garden tractors. With either vehicle, the self-leveling linkage allows for smooth cutting over any kind of terrain.

For further information, contact Bush Hog, Department NR-GT, P.O. Box 1039, Selma, Al 36701.



The new GT-42 powered rotary cutter has been added to the Bush Hog line.

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We at Singing Brook Farms feel that the Roskamp Silage Roller Mill is a definite asset to our feeding program. Since we have installed the Roskamp Mill, which tears the hull of the kernel and breaks up the cob in our corn silage, our cows are eating approx. 10% less feed, leaving no cobs in the feed trough, have no kernels in their manure, and have given us an average of .1% higher butterfat test in the 4 months that we have used the mill. In light of these results we are convinced that the Roskamp Silage Roller Mill is a good investment that will pay for itself and bring us a sizable dividend in the near future.

David Harper
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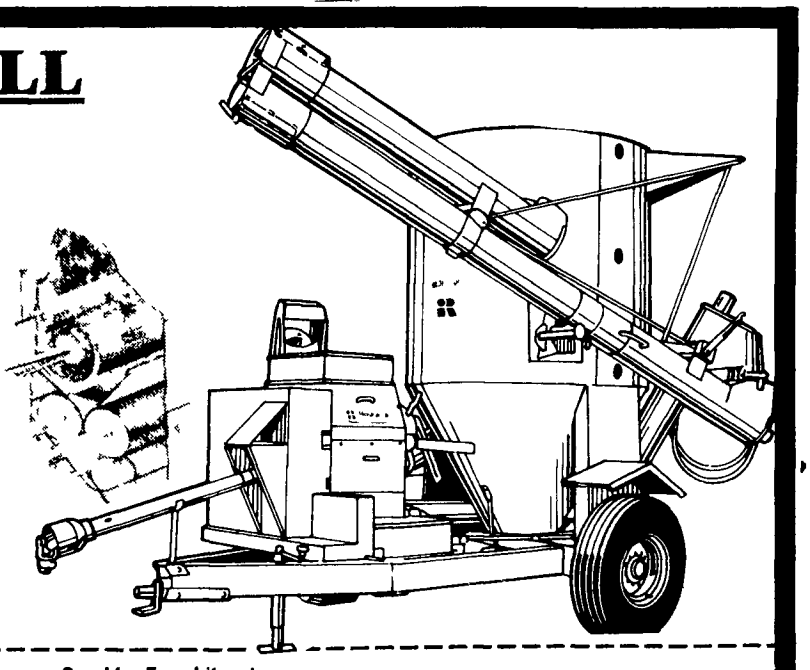

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FARM CREDIT SERVICE

Farm Credit News

Raymond Kurtz' hog and grain farm at Shoemakersville was among operations visited by Hercules Jordan, feed mill owner from Northern Ireland. From the left are Douglass Kurtz, son of Raymond Kurtz; Larry Bachman, Farm Credit; Eugene Olshefsky, Farm Credit; Jordan and Kurtz.

Irish miller visits Berks-Lehigh

FOGELSVILLE — Berks-Lehigh Valley Farm Credit Service employees Larry Bachman of the Shoemakersville Office and Darlene Staudt of the Fogelsville Office accompanied Hercules Jordan of Ireland on a tour of several farming operations in the Berks-Lehigh area.

Jordan operates Jordan Bros. N.I., Ltd., a family owned feed mill, located in Lisburn, Northern Ireland. Since several generations of his family have been farmers, he was interested in visiting and comparing the farming and milling methods employed by the two countries.

His day included visits to the Raymond Kurtz hog and grain farm, Shoemakersville; Leonard Stoltzfus' dairy farm, Douglassville; Albright's Feed Mill, Kempton; and the dairy farm of William and Doris Howerter, Kempton.

Jordan Bros. N.I., Ltd. produces 2,000 tons of feed per week - 95% is marketed in bulk shipments. Bag feed is a loss item for them but is considered necessary for public and member relations to remain favorable. The entire milling operation is run by computer, untouched by human hands. The major grain grown in Northern Ireland is barley, but 90% of the grain used in his mill is imported - most of it being purchased thru the E.E.C. (European Economic Community). Corn, which is our major grain crop in this area, is not grown there because the climate is not suitable for it. A major difference between the feeds manufactured in Ireland and those in this area, is that much of their feed is in cube (pellets) form. A cube machine is a necessity to everyone in the milling industry. Jordan feels this is the only method of the future.

Farming operations are similar in most areas; they use the same methods, the same farm equipment - even the same brands - and they utilize most of the same blends of feed. Even the climate is close to ours - a little cooler in the summer with a slightly shorter growing season.

Jordan lives only eight miles from Belfast, and when asked about the safety there he said," "It's just as safe as here in America." He feels the major problem is not England as most of the world suspects, but is, rather, "Public Opinion".

While in America, Hercules and his wife, Hannah, are visiting with their daugther and her husband, Dr. and Mrs. Robert P. Seebohm, of Allentown.

Office, field staffs switch

FOGELSVILLE — The office and field staff of the Berks- Lehigh Valley Farm Credit Service recently switched duties for a day.

The loan officers and field representatives remained in the four offices and performed the daily secretarial and accounting functions, while the office staff went out into the "field" for a tour of several farming operations.

The employees of all four branches participated: with the Fogelsville and Titamy staffs traveling in an area close to the Fogelsville office and the Shoemakersville and Hegins staffs staying close to the Shoemakersville territory.

Even though the people in the office constantly work with farm terminology, they rarely have a chance to see what they are reading about, since it is the field staff who usually makes direct visits to farms.

The day's activities included visits to: (1.) A dairy farm, (2.) a hog and grain farm, (3.) mushroom houses, (4.) an orchard, (5.) a greenhouse, and (6.) a feed mill.

Both groups met for dinner at the end of the tour and the lively conversation that dominated the evening meal, indicated the idea of changing duties was a success.

From the left, Alan Lutz of John A. Lutz & Sons; Randy Setzer, Fogelsville Office; Janice Rissinger, Hegins Office; Betty Emerich, Shoemakersville Office; Dianne Seidel, Fogelsville Office; are shown in Farm Credit program.

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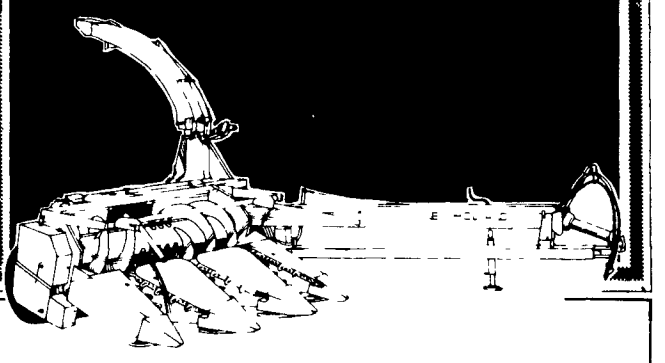

The Model 892 is a big-capacity pull-type forage harvester. The "892" can be used with tractors up to 175 horsepower.
The optional METALERT™ electronic detector reduces harvester damage and can cut down on hardware disease. The "892" is available with 12-knife or 8-knife cutterhead. Exclusive underbeveled knives never need rebeveling and make knife sharpening fast and easy. Flip-up feedroll makes shearbar adjustment easy.
There's a big choice of crop heads, including the exclusive interchangeable 3-row crop head/windrow pickup, 2-row low-profile crop head, conventional windrow pickup, sickle-bar and ear-corn snapping heads. Under-knife baffles increase capacity.
Like all Sperry New Holland machines, the "892" is backed by a service and parts system that's second to none.

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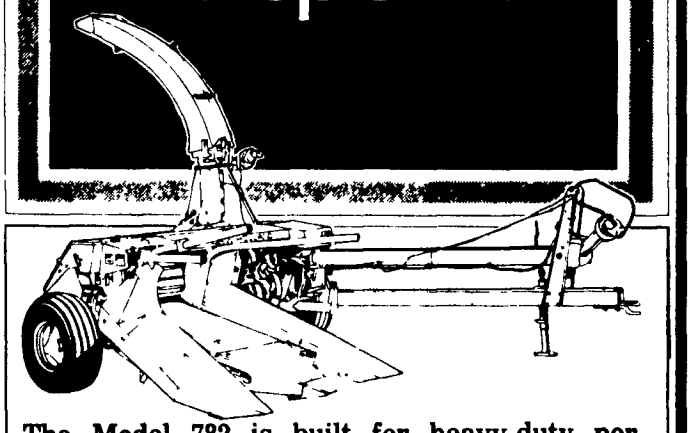
Heavy duty from hitch to spout.



The Model 782 is built for heavy-duty performance. The 12-knife cutterhead chops uniformly, without a recutter screen. But for special crops and conditions, recutter screens are available. Check these outstanding features: Exclusive underbeveled knives eliminate the need for rebeveling. Flip-up feedroll makes shearbar adjustment easy. Choice of 540- or 1,000-rpm driveline. You have a big choice of cropheads, including one- and two-row, low-profile cropheads, windrow pickup, sicklebar and one-row, ear-corn snapping head.
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LitterMilk saves pigs

RICHMOND, Va. — Southern States Cooperative now offers a way to save many more orphan and extra pigs, according to Robert J. Buehler, manager of swine and dairy feed services for the co-op.

"Land O Lakes' LitterMilk and LitterMilk feeders now are being handled by Southern States and its retail outlets over a 5-state area. These are exciting new products every producer can utilize to save pigs in the absence of the sow or whenever the sow develops milking problems," Buehler says.

"LitterMilk is the first product in many years which does more than just grow pigs better. It saves pigs, thereby substantially affecting a producer's bottom line.

"Southern States joins Land O Lakes," Buehler says, "in addressing the greatest opportunity in the swine business today. That is increasing pigs weaned per sow per year. This area in swine production has not appreciably changed in 50 years.

"The product is designed to keep orphans and extra pigs alive with once-a-day feeding from the specially designed feeder," he says.

"Five years of Land O Lakes research with LitterMilk replacer on baby pigs has shown that pigs fed the new product had a 3.7 times better survival rate than those on a conventional pig milk replacer, despite the challenge of E. coli scours.

"Also, each pig saved (over the 7.5 litter average needed to cover breeding herd costs) is worth $30 at 40 lb. and $47 at finishing," Buehler says.

LitterMilk is mixed once daily. Buehler says, "It stays in solution without settling out and can be used with the special LitterMilk feeder which has drinking space for up to 8 pigs. The feeder is lightweight, durable and inexpensive. According to the makers, saving just one pig pays for the unit."

Prostaglandin okayed

DES MOINES, Ia. — Diamond Laboratories, a Syntex Company, has announced that its prostaglandin, Bovilene, has been approved by the FDA for estrus synchronization in beef and non-lactating dairy cattle, according to company product manager Marv Jahde.

"Bovilene is specially formulated for a more controlled release extending its half-life up to 18 to 23 hours, compared to less than four hours, or in some cases even minutes, for other prostaglandins," explained Jahde. In a summary of 14 trials conducted at 13 different locations, Bovilene was proven to be an effective estrus synchronization product.

"Bovilene's efficacy comes by exposing the corpus luteum to treatment over a longer period of time," said Jahde. "Dependable synchronization occurs without delaying-estrus. Its longer half-life extends its luteolytic effect over a longer period of time helping assure a complete, dependable lysis of the corpus luteum and subsequent estrus synchronization without delaying estrus."

As with all estrus synchronization products, Jahde added, sound management is required to achieve the best results and Bovilene can easily fit into any estrus synchronization breeding program.

Previously, Bovilene was labeled only for use as an abortifacient, said Jahde, with tests proving it to be extremely reliable, terminating 91.9 percent of heifer pregnancies up to 150 days and 100 percent of pregnancies of 100 days or less.

Bovilene comes in a conveinent, 10-dose vial and is administered subcutaneously in 2 ml. doses.

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- Farmall Cub w/Sickle Bar **$1895**
- IH 184 Lo-Boy, Sharp, w/5 Ft. Mid-Mower And Sno-Blade **$5,495**
- JD 212 w/Mower **$2,495**
- Kubota L225 w/Belly Mower **$4,495**
- Kubota B7100DT w/Loader **$4,990**

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PARTS ★ SALES ★ SERVICE

Shenk's holds dairy meeting

During a meeting at the Tollgate Inn in Lititz on June 14, Shenk's Farm Service, Lititz, introduced several new products to local dairy farmers.

Beginning the program was Ray Shenk who demonstrated Bou-Matic's new claw, a new concept in milking designed to virtually eliminate cross-contamination and speed the flow of milk.

Next on the program was Loren Bucklin, Shenk's general manager, who unveiled the Activity Monitor, a beltbuckle-size monitor strapped to the cow's leg and used to detect the onset of estrus.

Also on display was the Custom Computer System introduced by Bou-matic district manager Dennis Milhoan (pictured above), Loren Bucklin and Keith Kirn, vice-president for a York-based computer firm.

Review safety before combine season

INDEPENDENCE, Mo. — Before your combine rolls into the field for the upcoming small grain harvest, it's a good idea to take a few minutes to review safety rules, according to Jerry Schmitt, Allis-Chalmers engineer.

'Whether you operate the combine yourself or hire someone to do the job, I recommend that you prepare a set of written safety rules," he said. "Safety always pays off at harvest time."

Schmitt named a few important safety points:

1. Read and understand the Operator's Manual.

2. Be sure everyone is clear of the machine before starting it.

3. Be sure the gear shift lever is in neutral before starting the engine.

4. Always stop the engine when refueling. Do not smoke when filling tank.

5. Use handrails when getting on or off. Do not get on or off your combine while it is in motion.

6. Keep all guards and shields in place.

7. Do not try to work on the machine while it is running.

8. Keep the operator's platform

(Turn to Page D11)

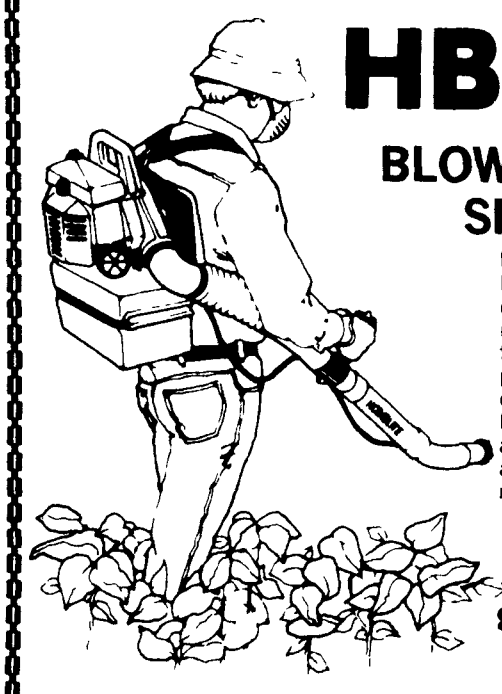
Before the harvest begins make sure all combine guards and shields are in place.

True Value HARDWARE STORE

IN STOCK NOW

HOMELITE HB-680

BLOWER/MISTER SPRAYER



Feature for feature the Home lite HB-680 outclasses all the others Its light weight, numerous convenience features and balanced back pack design provide excellent comfort and easy of use The HB-680 is extremely versatile as an efficient clean-up tool, and as a lawn/garden maintenance tool

Reg. $279.95

NOW

$249.95

Limited Quantity

Professional Performance for Hundreds of Dollars Less.

- Light weight - only 16½ lbs. dry, under 34 lbs. with full tank
- 1.6 cu. in., air-cooled, gasoline-powered engine
- Solid state ignition
- Single stage centrifugal fan
- Automatic recoil starter
- Easily accessible controls
- Blower capacity - 200 MPH wind velocity
- Mister/sprayer capacity - up to 25-30 feet horizontal; up to 15-20 feet vertical
- 2-gallon tank capacity
- Vibration isolated

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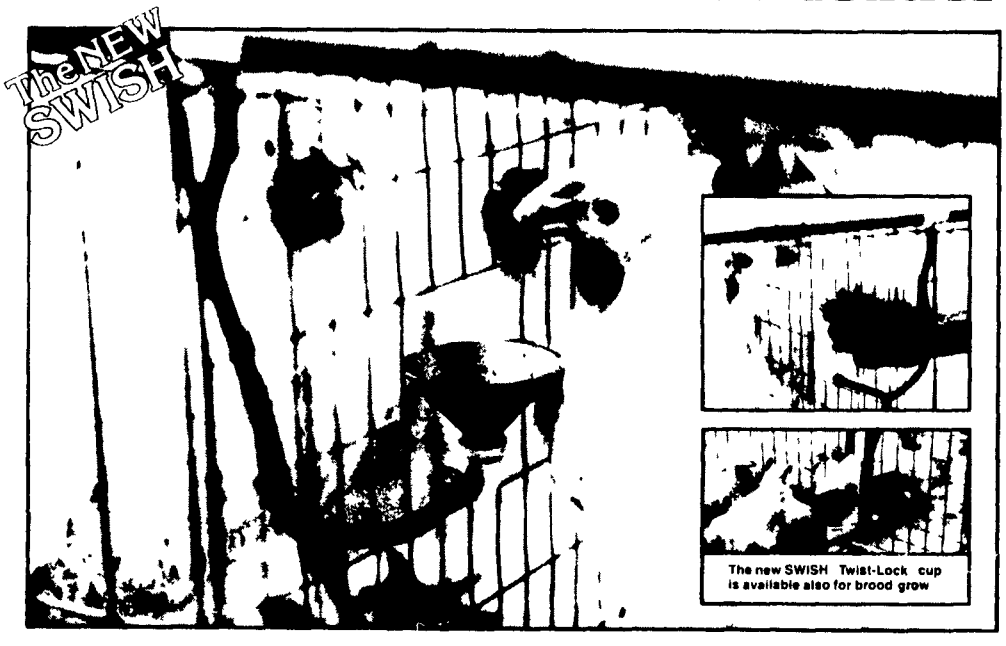
"Twist-Lock" cups: newest innovation from the new leader



The new SWISH Twist-Lock cup is available also for brood grow

...another reason SWISH saves you more labor, more birds, and more money

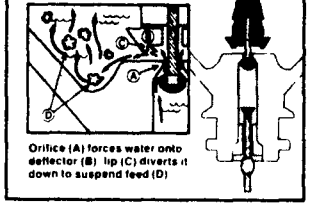
The newest twist in cage watering makes cup cleaning and maintenance a real snap it's SWISH s "Twist-Lock" cups for cage layers and brood-grow watering systems

Saves labor. No more contortions with hand tools inside a cage – one simple twist of the wrist unlocks and removes the unitized cup and valve It s that easy to maintain when necessary

But, with SWISH, it s hardly ever necessary That s because our cup is self-cleaning Our patented valve keeps the cup clean by flushing any feed particles out so birds can consume them with the water

Installation is a snap too with SWISH s new cups they simply snap into the desired location and the hose attaches to the water line outlet These are some of the ways SWISH's new cup saves you labor – easy installation, low maintenance, and labor savings between flocks because our cup constantly cleans itself

PATENTED VALVE IS KEY TO OUR PERFORMANCE



Orifice (A) forces water onto deflector (B) lip (C) diverts it down to suspend feed (D)

Helps save more birds. Because our cup is self-cleaning, algae and bacteria growth is not a problem as with cups that don't flush out feed particles Clean cups mean less chance of disease and less mortality And our big cup means good access to water, for a good level of bird health

SWISH saves you money. That s the bottom line with a system that cuts labor and keeps birds alive and productive

Get all the facts about our new cup and other SWISH innovations See your SWISH distributor or contact us

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now a division of CTB Inc

Northeast agri systems

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Phone (203) 642-7529

Local Representative
DAVID NEWMAN
(717) 299-9905

Sheep breeders to meet

FLEMINGTON, N.J. — "External Parasites . . . Their Control" will be the topic of the monthly meeting of the Hunterdon County Sheep Breeders' Assn., Tuesday, July 3, at 8 p.m., at Hunterdon's Extension Center. Speaker will be Dr. Stuart Race, Extension Entomologist at Rutgers, according to Richard Betts, association vice president.

Meeting is open to everyone interested in raising sheep, controlling the insect pests that can have a very serious impact on livestock.

The Extension Center is located on Rt. 31, about a mile north of Flemington, just north of Hunterdon Medical Center.

Combine safety

(Continued from Page D10)

clean and free of obstruction.

9. Keep the combine in gear when going down hills.

10. Keep the engine, drives and moving parts of the combine and attachments free of chaff to prevent fires.

11: Keep the belts and chains in alignment and at proper tensions.

12. Use extreme caution when removing the radiator cap. Avoid pressurized steam.

13. Don't let your clothing contact moving parts.

14. Always put the unloading auger in the transport position.

15. Do not work under the header without first blocking it and setting the safety lock located on the header ram.

16. Always lower the header to the ground, or block it and engage the safety ram. before disconnecting any part of the hydraulic system.

17. Set the parking brake and shut off the engine before leaving the machine.

18. Take a break now and then. Fatigue leads to accidents.

On-Highway Operation:

1. Check clearance carefully before driving under electric lines, bridges, etc.

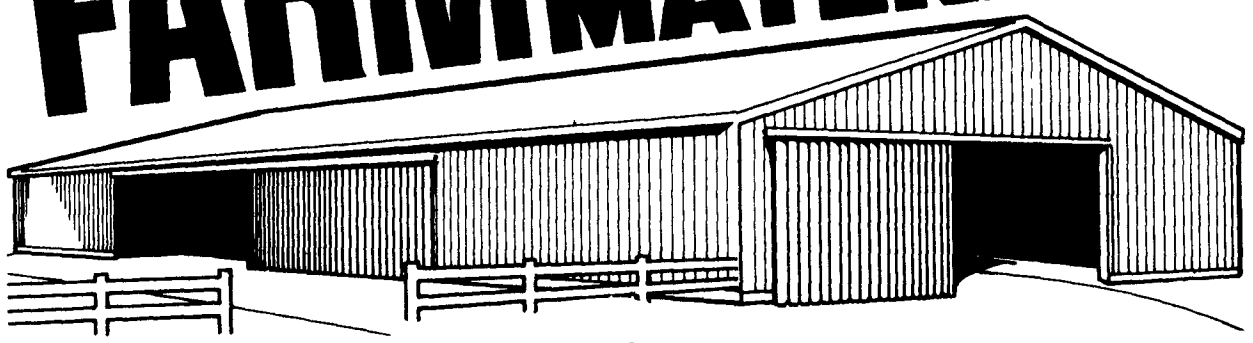
2. Use the SMV (slow moving vehicle) emblem. Use a red warning flag in daytime and approved warning lights at night or during other periods of poor visibility, except where prohibited by law.

3. Always operate the combine at safe speeds – never over 20 mph (32 km/h) with an empty grain bin or 5 mph (8 km/h) with a full bin. Reduce speeds for adverse road and traffic conditions.

4. Always reduce speed gradually to maintain adequate weight for stability on the rear (steering) wheels.

Wickes Lumber

YOUR ONE STOP FOR FARM BUILDING MATERIALS



STEEL ROOFING & SIDING

36" actual coverage

Galvanized finish is corrosion and weather-resistant Lengths available to fit most of your farm construction needs

	8'	10'	12'	14'	16'
Galvanized	9.55	11.95	14.35	16.75	19.25
White	12.90	16.20	19.40	22.00	25.90
CLOSEOUT SPECIALS					
Red	11.48	14.42	17.27	20.11	23.05
Brown	11.48	14.42	17.27	20.11	23.05
Tan	11.48	—	—	20.11	—

Custom length special order steel also available in galvanized, white red, tan brown, gold, blue avocado & black (Approx 3 week Del Special order prices slightly higher)

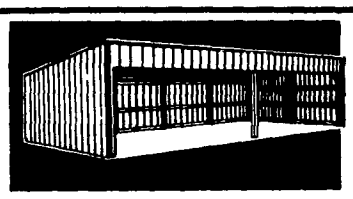
PRICES GOOD THRU JULY 13

TREATED TIMBERS

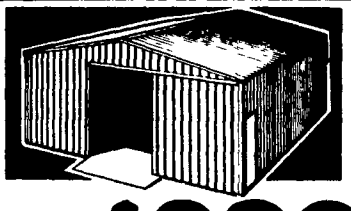
The perfect choice for farm buildings! Economical treated boards can be stained, painted or allowed to weather naturally. Durable... creates a safeguard against termite damage and decay.

	12'	14'	16'	18'	20'	22'	24'
4x6	$10.99	$12.69	$14.99	$18.49	$20.59	—	—
6x6	$16.95	$20.59	$23.49	$29.95	$32.95	$41.19	$44.39

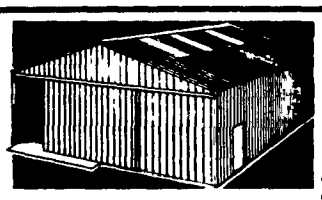
Versatility Plus Long-Lasting Protection!



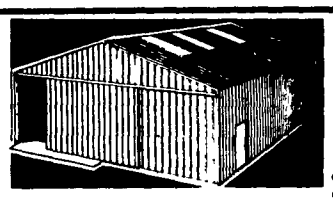
THE SOUTH FORK
15'-6"x 32'
Loafing Shed
• Optional 16 ft. additions
$1465.00 Package



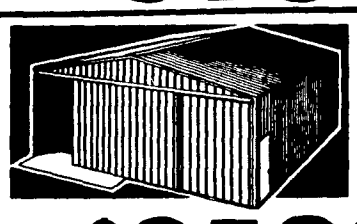
THE SHERIDAN
30'x 32'
Multi-Purpose Building
• 10' sidewall • 10' end door • Optional 8 ft. additions
$3099.00 Package



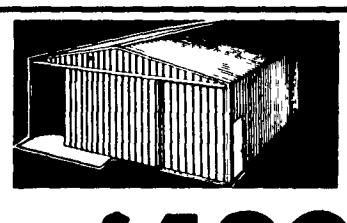
THE WINCHESTER
40'x 48'
Machinery Storage Building
• 14' sidewall • 16' end door • Optional 8 ft. additions
$5980.00 Package



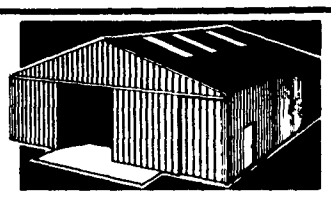
THE SHENANDOAH
42'x 48'
Machinery Storage Building
• 14' sidewall • 20' end door • Optional 8 ft. additions
$6288.00 Package



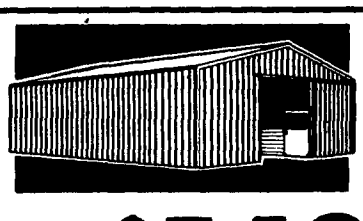
THE PENDLETON
32'x 32'
Multi-Purpose Building
• 12' sidewall • 14' end door • Optional 8 ft. additions
$3500.00 Package



THE REMINGTON
36'x 40'
Multi-Purpose Building
• 12' sidewall • 16' end door • Optional 8 ft. additions
$4329.00 Package



THE LINCOLNSHIRE
48'x 48'
Machinery Storage Building
• 14' sidewall • 24' end door • Optional 8 ft. additions
$6977.00 Package



THE BUCKINGHAM
32'x 32'
Horse Barn
• 12' sidewall • 5 stalls
$5439.00 Package

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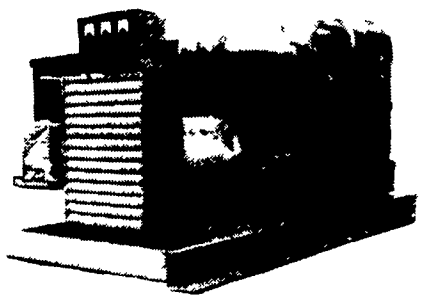

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Lancaster County DHIA Monthly Report

dhia — Pennsylvania Dairy Herd Improvement Association

May Report

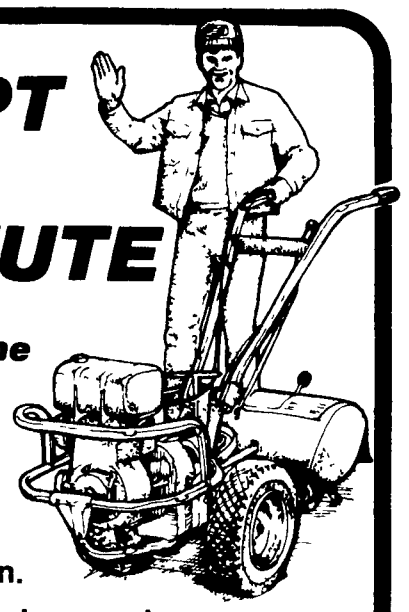
A Registered Holstein cow owned by John & Barb Brubaker, R #2, Christiana, completed the highest 305 day lactation Missy 49 produced 27,868 lbs of milk, 1,065 lbs of butterfat with a 3 8% test Second high lactation was completed by a Registered Holstein cow owned by J Mowery Frey Jr , 401 Beaver Valley Pike, Willow Street. Rae produced 21,579 lbs of milk, 1,003 lbs of butterfat with a 4 6% test in 305 days

First 305 Days Of Lactation With 700 Or more Lbs. Of Butterfat

OWNER NAME OR NUMBER	BRD	AGE	DAYS IN MILK	LBS. MILK	% FAT	LBS. FAT
John&Barb Brubaker						
Missy49	RH	9-11	305	27,868	3 8	1,065
J Mowery Frey Jr						
Rae	RH	4-3	305	21,579	4 6	1,003
Clarbel	RH	4-7	305	24,296	3 4	837
Prize	RH	5-5	305	20,550	4 0	830
Gem	RH	5-5	305	20,527	3 7	757
Amy Jess	RH	5-1	305	21,892	3 3	728
John F Petersheim						
34	RH	5 7	305	23,496	4 2	998
Nathan E Stoltzfus						
Denise	RH	5 6	305	28,374	3 3	950
Marlene	RH	4-5	305	24,636	3 6	881
John H Howard						
Lola	RH	5 6	305	26,419	3 6	944
Vicky	RH	4 9	305	22,788	3 9	886
Lenora	RH	4 1	305	25,023	3 5	885
Ruby	RH	4 1	295	22,298	3 8	858
Dawn	RH	5 0	305	23,868	3 6	853
Carri	RH	6-4	305	21,208	3 7	781
Walter M Hurst						
74	GrH	4 11	305	24,666	3 8	934
R Edwin Harnish						
Misty 3	RH	6 6	305	23 579	4 0	934
Karen	RH	3 11	288	16,740	4 4	733
Benuel Z Lapp						
Mae	RH	6 11	305	25,121	3 7	932
Marcy	RH	4-6	305	19,013	4 6	884
Killdee	RH	5-0	305	21,787	3 4	736
Randy J Stoltzfus						
Kndy133	RH	3 0	305	24,647	3 8	926
Jan9	RH	7-2	305	23,021	3 5	816
Con182	RH	6 5	305	18,703	3 9	735
Milly 14	RH	3-0	305	16,793	4 3	727
Rohrer Brothers						
Matilda	RH	4 0	305	24 143	3 8	922
Pat	RH	3 10	305	20,691	3 6	744
Nelson H Wenger						
Megan	RH	6 10	305	24,182	3 8	920
Tina	RH	3 5	305	19,029	4 0	759
Neffdale Farm						
Kay	RH	4 2	305	22,814	4 0	919
Polly	RH	5 7	305	21,987	3 5	762
Marsha	RH	4 4	305	19,853	3 8	761
Aaron R Stoltzfoos						
Chriss	RH	6 7	305	22,563	4 1	917
Rivera	RH	5 8	305	24,453	3 3	808
Joyce	GrH	4 4	305	24,718	3 2	803
JS Smucker&Son						
397	RH	5 2	305	24,179	3 8	913
62	RH	3-4	305	25 610	3 4	864
330	RH	4-9	305	20,187	3 8	776
483	RH	3-9	305	22,374	3 4	754
415	RH	3 9	304	19,979	3 5	707
594	RH	4 9	305	18,880	3 7	706
Meadow Springs Farm						
Tess	RH	8-1	305	23,681	3 8	903
John R & Rick Groff						
Rose DC	RH	7 3	305	18,754	4 8	902
Daliah	RH	4-1	305	21,183	4 0	853
Deen	RH	5-6	305	23,029	3 6	827
Pepsi	RH	4-2	305	17,649	4 6	820
Viola	GrH	3-5	305	20,113	3 9	777
Patrice	RH	3-2	277	17,020	4 6	777
John P Lapp						
Grace	RH	8-10	305	19,485	4 6	901
Olive	RH	5-10	305	22,841	3 4	782
Laura	RH	4-8	305	21,008	3 6	766
Charit	RH	2-2	305	18,063	4 1	748
Dona	RH	3-4	305	18,844	3 7	701
John M Harnish						
Adele	RH	6 10	305	24,563	3 7	900
Lola	RH	4-2	305	20,916	3.9	816
Rose	RH	4-2	305	18,552	4 0	751
Ginger	RH	3-1	305	19,562	3 8	748
Anita	RH	8-4	305	20,026	3 6	730
88	GrH	5-6	305	19,653	3 7	720
Ru Be Mar Farms						
41	RH	4 2	305	23,677	3 8	898
15	RH	5-5	305	23,304	3 7	864
Glenn F Burkholder						
Dawn	RH	4 7	305	23,434	3 8	898
Apricot	RH	4 4	304	19,971	4 1	822
Julie	RH	6 7	305	22,732	3 4	771
Delite	RH	5-8	305	20,069	3 6	725
Elmer M High						
51	GrH	5 10	305	21,078	4 3	898
100	GrH	6 2	305	22,633	3 2	726
36	RH	5 3	305	18,151	4 0	719
Curvin W Nolt						
48	RH	5 0	305	25,309	3 5	897
31	RH	6 11	305	20,674	4 0	831
15	RH	5 6	305	18,663	4 3	797
54	RH	5 6	296	20,954	3 6	761
57	RH	4 5	305	21,489	3 5	749
52	RH	5 6	292	16,815	4 3	727
John Omar Stoltzfus						
Daisy	RH	5 5	305	25 332	3 5	889
Harvey W Stoltzfus						
Murial	RH	4 7	305	20,485	4 3	889
Robert H Rohrer&Sons						
195	GrH	4 9	305	22,695	3 9	885
Dale&Steve Hershey						
Heidi	RH	4-9	305	25,101	3 5	880
April	RH	3 2	294	20,713	4 0	819
Crystal	RH	4 8	305	22 599	3 5	780
Marbro Farm						
Dream	RH	6-9	305	18,242	4 8	880
Beth	RH	8 9	305	20,560	3 8	783
Kate	RH	1 11	305	16,616	4 5	740
Tina	RH	6 10	281	19,199	3 7	709
Albert Breneman						
110 Vida	RH	5-5	305	23,754	3 7	877
Ellis D Kreider						
Lily	GrH	6 11	305	22,424	3 9	874
196	GrH	2 4	305	22,558	3 4	775
142	GrH	6 3	305	19,654	3 9	768
Paul D Welk						
Tiffany	RH	2 4	305	19,676	4 4	869
Cinder	RH	4 4	305	19,339	4 1	799
Pepper	RH	4 8	305	19,051	3 7	701
Samuel M Martin Jr						
Carla	GrH	6 3	305	24,847	3 5	866
64	GrH	2 11	305	23,620	3 4	804
44	GrH	3 10	305	23,627	3 4	797
54	GrH	3 7	305	23,307	3 3	760
45	GrH	3-9	305	22,360	3 3	733
John G Good						
Hope	RH	6-4	305	21,087	4 1	865
Jami	RH	4-0	305	19,544	3 7	720
Noah Kreider&Sons						
529	GrH	6-5	305	20,014	4 3	861
734	GrH	3-10	305	18,265	4 2	767
624	GrH	6-5	305	17,640	4 0	708
Red Knob Farm						
100	GrH	5-4	305	19,738	4 4	861
25	GrH	5-10	305	22,826	3 6	830
91	GrH	5-9	305	20,161	3 9	784
223	GrH	6-5	305	19,647	3 9	766
221	GrH	6-3	305	19,694	3 7	736
155	GrH	4 8	305	18,869	3 8	716
Nelson W Nolt						
14	RH	9-7	305	19,591	4 4	861
115	RH	2-10	305	17,717	4 1	728
Lester M Weaver#1						
105 C	GrH	4 11	305	25,261	3 4	858
Joseph W Best&Sons						
112	GrH	3-3	301	19,278	4 5	858
21	GrH	3-4	305	22,089	3 6	798
12	GrH	5-7	305	21,044	3 6	761
28	GrH	2-10	305	17,807	3 9	700
Tom&John Harnish						
Marsha	RH	6-1	305	20,629	4 1	854
Omar Smoker						
Addy	RH	4 3	305	24,240	3 5	852
Kreider's&Nickle						
228	GrH	3 0	305	20,601	4 1	847
75	RH	10-9	305	18,886	4 3	813
25	RH	2 3	305	20,328	3 6	740
167	RH	4 2	305	19,719	3 7	730
Emanuel S Smucker						
Faye	RH	4 7	305	19,399	4 4	847
Dot	RH	4 6	305	22 173	3 3	736
Jonas B Lantz						
Rivers	RH	5 2	305	21,913	3 8	840
Donald R Bare						
47	RH	4-8	305	20,004	4 2	840
18	RH	7 5	305	20,068	4 2	833
40	RH	3 6	305	18,550	4 1	759
21	RH	6-10	305	24 545	2 9	721
2	RH	3 8	305	19 327	3 7	713
Indian View Farm						
April	RH	2 2	305	23,879	3 5	839
Carol	RH	3 9	305	24,473	2 9	710
Fanny	RH	6 4	305	19,995	3 6	710
Curtis&Dolly Martin						
7	GrH	3 7	296	18,713	4 5	839
Clair Oberholtzer						
Molly	RH	3 11	305	22,687	3 7	838

(Turn to Page D13)

ACCEPT NO SUBSTITUTE



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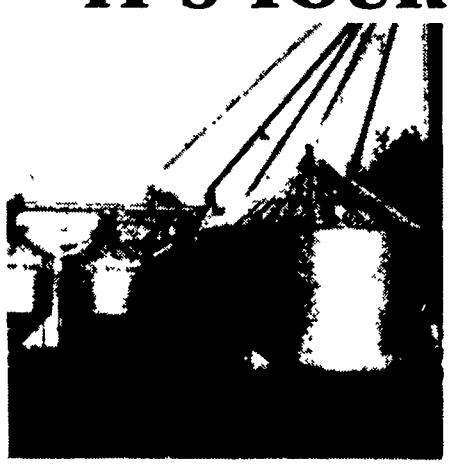

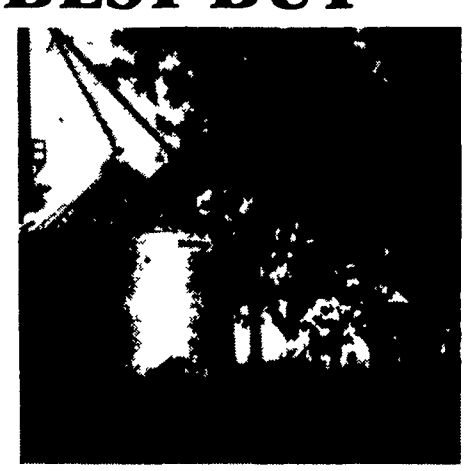

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Lancaster Co. DHIA

(Continued from Page D12)

Clyde W Martin						
Alberta	RH	8-3	305	22,372	3 7	836
Babe	RH	2 5	278	17,986	4 1	743
Audrey	RH	9-2	305	20,187	3 5	701
E Richard Bruckhart						
Robin	RH	5 11	305	23,105	3 6	835
Freckle	RH	9-0	304	18,279	3 9	716
Buchen Farms						
483	RH	6 11	305	20,281	4 1	832
606	RH	4 11	289	15,554	5 0	772
686	RH	3-6	305	18,274	4 1	752
574	RH	5-0	305	19,338	3 9	745
689	RH	3 5	305	16,930	4 2	707
Robert J Work						
33	GrH	5 2	305	18,327	4 5	830
Joseph Eshleman						
183	RH	5 1	305	23,086	3 6	828
John D Nissley						
Carrie	RH	6-6	305	22,885	3 6	827
Ferncrest Farm						
258	RH	8 8	305	20,246	4 1	827
262	GrH	8-2	305	18,370	4 1	760
J Robert Kindig						
Ivory	RH	5 7	305	18,737	4 4	822
Twinkle	RH	1-11	305	18,371	4 0	736
John B Groff						
Kara	RH	7 10	305	23,079	3 6	821
46	GrH	5-7	305	17,863	4 0	712
Ben S Stoltzfus						
Blackie	RH	11-4	305	20,672	4 0	821
Vicky	RH	4-0	305	19,529	3 6	704
Adam & Jerene Zimmerman						
Connie	RH	3-11	305	20,622	4 0	821
Aaron B Lantz						
Honna	RH	5 10	305	24,623	3 3	814
Aaron E Allgyer						
Fawn	RH	6-1	305	18,763	4 3	814
Beauty	RH	3 9	305	20,739	3 6	737
Loren L Zimmerman						
Alta	RH	3 9	305	19,239	4 2	812
Jell	RH	3-3	303	17,604	4 0	706
Nanette	RH	2 10	305	20,212	3 5	701
David&Robin Dum						
39	RH	4 5	305	22,999	3 5	811
John S Beiler						
Sue	RH	6 3	305	21 108	3 8	811
Norman B Rutt Son						
81	GrH	3 5	275	18,793	4 3	809
104	GrH	5 7	305	18,297	3 9	719
Benual F Stoltzfus						
June	GrH	7 2	305	22,290	3 6	808
Ellen	GrH	5 8	305	19,652	3 9	758
Rene	GrH	3-6	305	16,812	4 4	742
David W Sweigart						
91	RH	5 9	305	22,159	3 6	808
Delmar&Susan Weaver						
Robin	RH	8-3	305	19,952	4 1	807
Marlin Shellenberger						
6	GrH	5 0	305	15,826	5 1	807
Pequea Heights						
Minnie	GrH	8 2	305	21,885	3 7	806
Reddie	RH	7-6	305	19,904	3 9	785
J Clayton Charles						
Pride	RH	5-1	305	18,502	4 4	806
Stephen J Stoltzfus						
Quality	RH	3-11	305	19,214	4 2	804
Creek Knoll Farm#2						
Star	RH	4-3	305	19,401	4 1	799
Babe	RH	3-3	299	21,357	3 6	770
John Z Weaver						
5	RH	5-3	305	21,612	3 7	798
40	GrH	8-5	304	21,537	3 5	755
Alvin M Martin						
32B	GrH	4 2	305	19,605	4 1	798
Willis M Martin						
Gloria	RH	8-7	305	18,054	4 4	798
Paul V Nissley						
Alene	RH	2-3	305	18,696	4 3	796
Dancer	RH	4-5	285	20,108	3 9	780
Magic	GrH	4 6	301	18,360	4 2	774
Jade	RH	5 2	305	19,529	3 7	729
Wilmer R Martin						
Ginny	RH	9-9	305	20,747	3 8	795
Fry	RH	4 11	305	22,371	3 2	713
Dill	RH	3 9	305	20,528	3 5	709
David S Stoltzfus						
Carolyn	GrH	6 5	305	22,590	3 5	793
Christian F Riehl						
Chico	RH	10 4	305	19,823	4 0	793
Weaver Homestead Farm						
5	GrH	4 8	305	21,556	3 7	790
37	GrH	5 8	305	19,162	3 7	711
3	GrH	1-11	305	17,954	3 9	702
Lester J Wiker						
Beth	GrH	5 0	305	16,971	4 7	790
Kim	GrH	4 1	294	19,574	3 7	727
Amy	GrH	2 8	305	16,689	4 3	712
Lenewood Farm						
Katela	RH	5-9	305	21,887	3 6	789
Susan	RH	7 11	296	20,658	3 7	759
Ione	RH	4-10	305	19,959	3 8	755
Jasmine	RH	3 5	305	20,823	3 5	734
Bertha	RH	9-2	305	16,259	4 4	722
Donald B Trimble						
6	GrH	5-8	305	23,669	3 3	786
Luke E Martin						
Sandy	GrH	4-8	305	21,731	3 6	784
6	GrH	9-8	305	18,641	3 8	709
Cedar Fringed Farm						
Rae	RG	6 7	305	16,848	4 7	784
Boots	RG	3-0	301	15,917	4 5	710
George M Hurst						
395	RH	3-1	305	15,209	5 2	784
126	RH	4-7	305	19,696	3 8	755
117	GrH	7-2	305	20,253	3 5	713
267	RH	5-5	298	19,229	3 7	711
Nelson H Hershey						
49	RH	7-10	305	22,009	3 6	783
76	RH	3-10	305	20,265	3 8	767
19	RH	6 8	305	18,285	3 9	710
Clair M Bowman						
Kelma	RH	3-4	305	19,482	4 0	783
Joseph C Wivell						
Holly	RH	5-9	305	22,017	3 6	782
Crystal	RH	4-5	305	19,707	3 8	754
Gerry	RH	6-10	305	21,664	3 4	740
Irvin M Martin						
45	RH	5-10	305	21,595	3 6	781
Rocky Noll Farm						
80	GrH	5 7	305	21,502	3 6	781
John K Peters						
Sandy	RH	6-3	305	20,730	3 8	781
Martha	RH	4-0	305	20,884	3 6	748
Christian&Katie King						
26	RH	5-9	305	18,838	4 1	778
35	RH	7-11	305	20,618	3 5	718
6	RH	5-7	305	17,002	4 1	703
Pequea Meadows Farm						
Tie 220	GrH	3-5	305	21,194	3 7	77[illegible]
Flo 227	RH	3 3	305	17,830	4 1	726
John S Zimmerman						
55	GrH	4 5	271	18,424	4 2	777
JM Stoltzfoos						
Gent	RH	3-0	305	18,816	4 1	776
Ideal	RH	5 10	305	18,992	4 0	760
Paul H Rohrer&Sons						
12	GrH	4-8	305	16,942	4 6	776

(Turn to Page D14)

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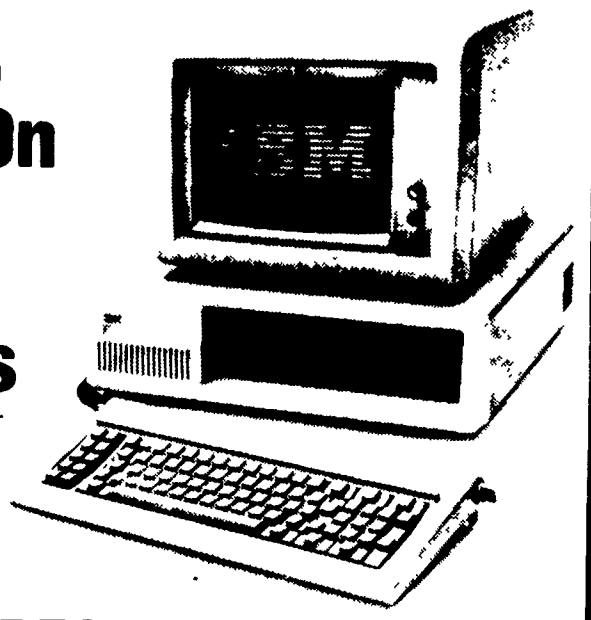

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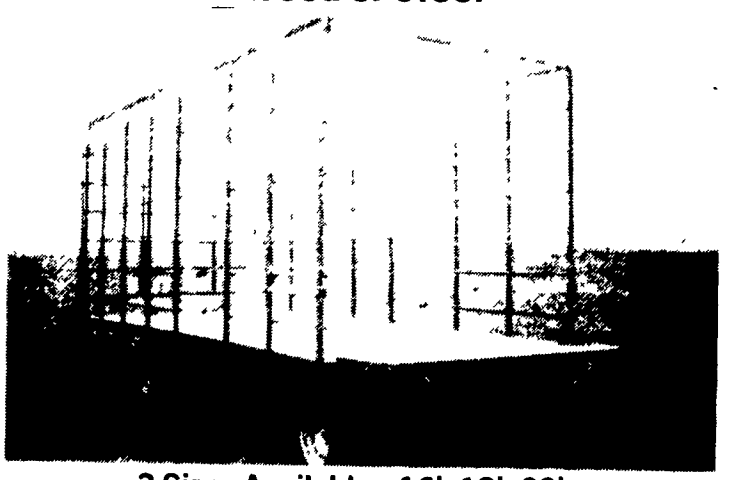

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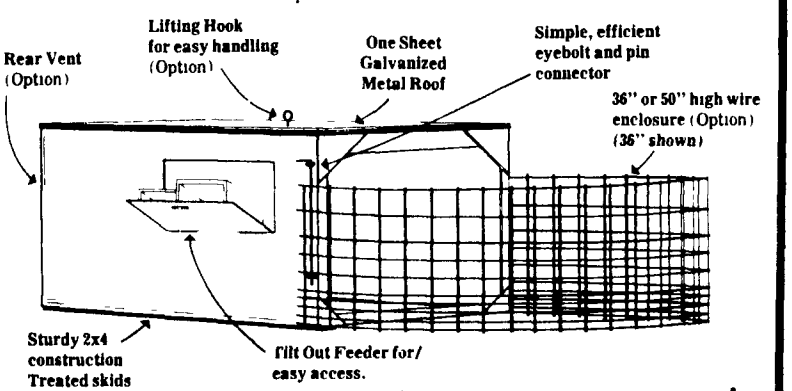
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Lancaster Co. DHIA

(Continued from Page D13)

4	GrH	4-8	305	16,707	4 3	714
Samuel E Beiler						
Violet	RH	5-6	305	17,969	4 3	775
Daniel M Stoltzfus						
Stardel	RH	5 7	305	22,863	3 4	774
Hammercreek Holsteins						
Rosie	GrH	5-10	305	22,657	3 4	773
J Omar Beiler						
Sharon	RH	4-9	305	24,036	3 2	772
Garwood Farm						
Jody	RH	4-4	305	19,939	3 9	772
Criss	RH	6-6	305	21,995	3 4	739
Ben K Stoltzfus						
Shirley	RH	7-11	298	20,165	3 8	771
Lulu	RH	6-7	305	19,662	3 8	747
Aaron S Glick&Sons						
115	GrH	3-9	305	21,833	3 5	769
118	RH	5-4	305	23,605	3 2	759
Emanuel S Fisher						
Rex	RH	3-1	284	18,706	4 1	768
New Acres						
60	GrH	4-3	305	20,782	3 7	767
Raymond W Horning						
Donna	RH	3-0	305	20,253	3 8	767
Tom Zartmen						
218	GrH	8-0	305	21,986	3 5	766
Reuben A Stoltzfus						
Tina	RH	4-5	305	22,766	3 4	765
Long Acres Farm						
59	GrH	7-2	305	20,257	3 8	765
102	H	5-9	305	17,537	4 0	701
Glenn Bushong						
Jenes	RH	3-5	305	23,117	3 3	764
Jeffrey G DeLong						
35	RH	8-10	305	18,560	4 1	764
Rosegale Farm						
Joy	RH	5-0	305	22,543	3 4	763
Robert H Kauffman						
Becky	RH	3-7	305	18,126	4 2	761
Earl S Weaver						
Tuts	RH	3-5	305	18,009	4 2	760
Spring Belle Farm						
Alafia	RH	2-0	305	20,595	3 7	759
Marvin K Witmer						
Fay	RH	7-3	305	18,765	4 0	759
Linda	RH	5-7	305	21,023	3 6	748
Kenneth H Wenger						
43	GrH	0-0	305	19,357	3 9	758
Raymond&Louise Witmer						
Mabel	RG	3-6	305	16,088	4 7	758
Paul S Zimmerman						
57	RH	4 5	305	19,971	3 8	756
Melvin R Eby						
Kris	RH	4-7	305	22,685	3 3	753
Wassle	RH	5-7	305	19,444	3 9	752
Hickory Grove Farm						
Betsy	GrH	6-8	305	16,754	4 5	753
Enos B King						
Jean	RH	5-11	305	19,472	3 9	752
Bart Dell Farm						
Dianel 6	RH	5 10	305	19,897	3 8	751
Ivan M Hursh						
Lovely	GrH	3-0	305	16,460	4 6	751
Harlan W Hoover						
14	GrH	6-9	305	23,653	3 2	750
C Victor Groff						
72	GrH	5 10	305	20,759	3 6	750
Ken&Nelson Stoner						
52	RH	4 11	272	20,382	3 7	749
Penn Star Farms						
344W	GrH	4-2	305	18,463	4 1	748
Curtis E Akers						
Joyful	RH	3 3	305	18,187	4 1	748
Stella	RH	3-11	305	19,215	3 8	737
Diane	RH	2-9	203	15,756	4 5	713
Christian Zook						
Pam	RH	6 9	305	20,630	3 6	746
Ivan Z Martin						
Reba	RH	5-7	305	20,264	3 7	746
Salome	RH	2-11	305	18,778	3 9	733
Jay E Landis						
Lurosa	RH	10-11	305	19,737	3 8	746
Herbert L Mast						
64	GrH	4-7	305	19,138	3 9	746
Lee Nome Farm						
Empress	RH	2 3	305	17,886	4 2	745
A Dale Herr						
174	GrH	7-5	290	18,340	4 1	744
Elmer Lantz Jr						
98	GrH	5-5	305	16,976	4 4	744
James&Nancy Zuck						
48	GrH	5-2	305	20,620	3 ,6	741
ER&RE Denlinger						
Pecan	RH	6-5	305	20,533	3 6	741
Rae	RH	7-0	305	20,512	3 6	735
Jolene	RH	5-4	305	19,829	3 7	724
Natham G Stoltzfus						
Susieq	RH	2-10	305	18,235	4 1	741
Jackie	RH	8-3	305	19,608	3 7	724
Wigwam	RH	3-2	305	18,231	3 9	702
Clair M Hollinger						
Swift 15	RH	2-5	305	18,959	3 9	738
Triple H Farms						
796	GrH	5 8	305	20,583	3 6	736
Ira Heistand&Sons						
Garden 1	GrH	3-6	305	16,799	4 4	736
C Robert Greider						
522	RH	3-6	305	14,973	4 9	736
523	GrH	3-3	305	15,139	4 8	720
Donald B Miller						
Dolly 32	GrH	6-10	305	17,531	4 2	735
Robert&Minnie Metzler						
Diane 28	RH	4-11	305	18,397	4 0	734
Raymond E Reitz						
6	GrH	4-9	290	15,697	4 7	734
Jonas E Stoltzfus						
Wilma 37	RH	5 3	305	19,637	3 7	733
William H Douts						
42	GrH	4-1	305	18,541	4 0	733
Raymond M Weaver						
101	RH	6-6	294	17,513	4 2	732
Roy Edwin Sauder Jr						
70	GrH	4-5	305	19,497	3 7	731
Robert M Mylin						
15	RH	5-0	305	18,973	3 9	731
Romella Farms						
Felicia	RG	4 0	305	18,256	4 0	731
Jonas B King						
Booty	GrH	5-3	305	21,406	3 4	730
Edgefield Farms						
Alta	RH	4-8	305	20,307	3 6	729
Dell	RH	5-1	305	20,426	3 5	719
Amos E King Jr						
Star	RH	6-0	305	21,027	3 5	727
Samuel A Stoltzfus						
Celia	RH	4-2	305	22,100	3 3	725
Graywood Farms						
380	RH	4-5	305	19,782	3 7	724
Robert L Sensenig						
40	GrH	3 9	305	20,520	3 5	723
Elam K Stoltzfus						
Tina	H	3 10	305	19,908	3 6	723
David L Landis						
Green 14	RH	3-9	305	19,452	3 7	722
Green 155	RH	6 8	305	20,300	3 5	709
Calvin D Beiler						
Lori	RH	3 0	305	18,028	4 0	722
John W Martin Jr						
15	GrH	3 10	305	17,157	4 2	722
Robert W Ulrich Jr						
Glenda	RJ	4-11	305	15,356	4 7	722
Kenneth D Myer						
Gillis	RH	4-5	305	17,107	4 2	721
Abram&John Barley						
42	RH	4-8	292	16,463	4 4	721
Samuel B Lapp						
Rosette	RH	4-4	305	15,920	4 5	721
Julie	RH	7-6	305	17,665	4 0	705
Omer B King						
Ace	RH	5-6	295	17,924	4 0	718
Barbie	RH	3-11	305	20,629	3 4	706
Vernon R Umble&Son						
Thelma	RH	4-4	305	16,056	4 5	718
Mary	RH	4-0	305	19,221	3 7	716
Samuel F Long						
Lolly 80	RH	7 2	305	20,518	3 5	716
Paul N Brubacher						
191	RH	7-11	305	18,020	4 0	714
Martin H Good						
Rocky 4	RH	8-4	305	17,487	4 1	713
Graig R Mlaker						
Julian	RH	5-11	305	22,048	3 2	711
J Harold Fritz						
160	GrH	9-5	305	20,595	3 5	711
53	GrH	5-0	305	21,764	3 2	703
Floyd Kreider&Son						
82	RH	8-5	305	21,013	3 4	710
Paul H&Marvin Herr						
26	RJ	4-6	305	14,224	5 0	710
Singing Maple Farms						
42	RH	4-2	305	20,138	3 5	709
J Kenneth Miller						
48	GrH	2-2	305	18,965	3 7	709
Robert E Kulp						
65	RH	6-11	305	18,546	3 8	709
Glenn D Hershey						
Sunset	RH	4-4	305	19,101	3 7	708
Spring Lawn Farm						
129	RH	6-2	277	18,767	3 8	707
John U Glick						
Judy	RH	3-6	305	18,356	3 9	707
Leon S Lapp						
Lace	RH	3-8	305	22,504	3 1	705
Twin Oak Farms						
301	RH	5-6	305	17,416	4 0	703
Riehlee Farm						
Joker	RH	10-4	305	19,613	3 6	700

LUZERNE COUNTY DHIA
May Report

Robert Hough	RH	53 8	87 6	18,005	683
Pecora Bros	R&GrH	159 5	87 8	18,833	681

Cows Finishing Their Lactation Period Over 750 Lbs. Butterfat And/Or Protein

Wm Dagostin&Son						
111	RH	5 0	282	19,540	3 9	754
5262	RH	2 10	305	20,493	3 7	755
1358	RH	5 11	309	17,539	4 7	832
Pecora Bros						
1261586	RH	4 8	305	27,161	3 3	89
47-1604	RH	4 5	305	22,977	3 6	82
Larry Baron						
Beth-19	RH	4 8	305	18,263	4 7	85
Earl Michael						
23	RH	8 0	305	19,049	4 0	75

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Brockett's Ag Advice

By John E. Brockett
Farm Management Agent
Lewistown Extension Office

Take A Look

Most farmers are not yet at the disaster level. Unfortunately many farmers are heading in that direction. What about you? When did you last really take a look at your business? Yes I know that this is a poor time of the year to ask that question. Most of you are up over your head in planting and harvesting. You really don't feel you have the time to analyze or look at your business. That is one of the problems. When is it ever convenient to sit down and really analyze your business? Why not right now? What better time is there than when your planting problems, harvest problems, and bill paying problems are all fresh in your mind?

Did you ever stop to think that you may be working your way right out of existence? Did you ever pause to wonder if there was a better way to do something? Did you ever develop a plan of action or as some would say set some goals? Sometimes farmers work so hard that they only get half as much done as they could have "if they had a plan of action then followed it". Some of the work some farmers do is like feeding grain in the mud to a bunch of pigs. They get some good out of it but the work they put out getting it is out of proportion to the feed they get.

Set Goals

I heard a young athlete repeat some wise old words recently. He told a group of graduating seniors to set goals. He said "you need both long term and short term goals". The long term goals are what you hope to accomplish in a year or a life time. They may change along the way due to circumstances or changes in yourself but then new goals should take place of the old ones. Short term goals should be set so you can work towards the long term goal.

Sometimes the short term goals are self disciplinary in nature. Things such as I am going to do May's records on June 4 or I am going to write down the yields from each field each day. One of the best ideas he proposed was that all goals, both short term and long term, should be put in writing.

One goal you might set would be to properly maintain equipment. Perhaps a calendar for changing oil, lubricating, checking bolts, etc. would help you do this on a more regular basis. Perhaps this would save time and repair bills in the future. Another goal would be to maximize profits on your cows. Short term goals for this would be (1) periodic forage tests, (2) balanced feeding program, (3) producing top quality forage. (4) better monitoring of your DHIA records so you can reduce grain feed more systematically, (5) better use of available resources - more feeding times or division of animals, etc.

Once you have set some goals and put them in writing, read them fairly often. Check off those you have completed. Believe it or not I do this with my schedule. That is the only way I get my news columns done on time. Recently I wrote these goals down (1) news column, (2) partnership agreement, (3) joint venture agreement, (4) letter about a credit problem, (5) report on a farm visit, (6) clean off desk. I got the first 5 done but set a low priority on number 6 which I guess is why I always have such a messy desk.

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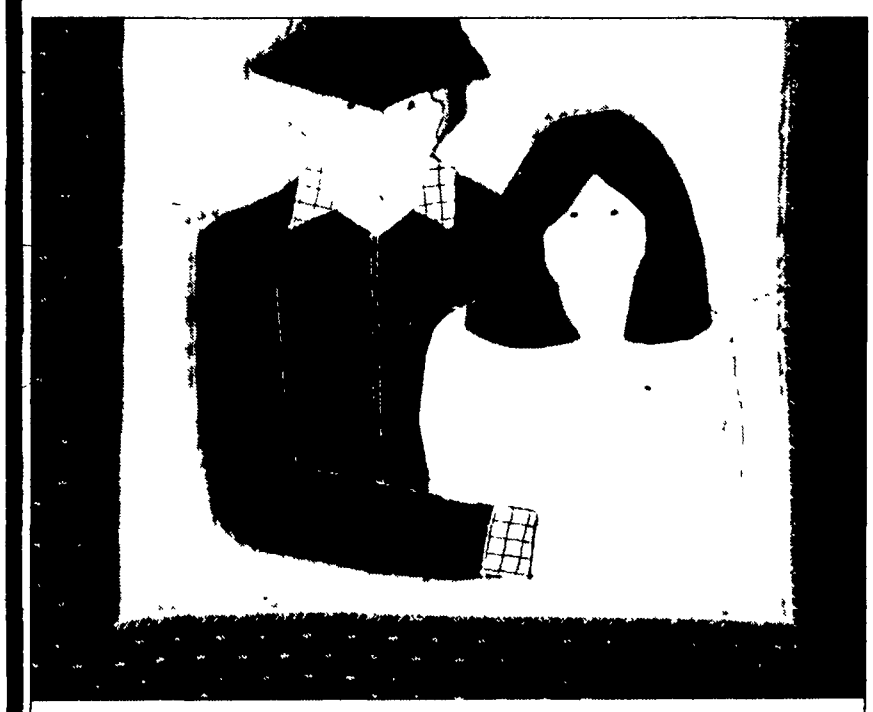

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More winners at Pa. FFA Activities Wee A

Agronomy winners: Barry Spangler, Left, Mifflinburg; and Norman Runkles Jr., Fairfield.

Trio of public speaking winners include, from the left, Greg Musser, first, Elizabethtown; Loren Burkholder, James Buchanan; and Jill Jesiolowski, Oley Valley.

John Shook, Forestry.

N.J. dairy contest slated

NEW BRUNSWICK, N.J. — The State FFA Dairy Judging Contest will be held in conjunction with the State 4-H Dairy Judging Contest on Tuesday, July 10. The contest is open to all FFA members currently enrolled in vocational agriculture.

The contest day will begin at 8:45 a.m. at the farm of Tom Smith in Allentown, N.J. Students will judge Brown Swiss and Guernseys at the Smith farm and proceed to the New Jersey Psychiatric Institute in Skillman to judge Jersey cattle and on to the Piskorowski farm in Lawrenceville to judge Holstein cattle.

Students will judge the cattle on their general apearance, dairy character, body capacity and mammary system. The students will place each class of four animals and give several sets of oral reasons on their placings.

The top placing FFA team in New Jersey will proceed to the National Dairy Judging Contest in Kansas City, Mo. in November.

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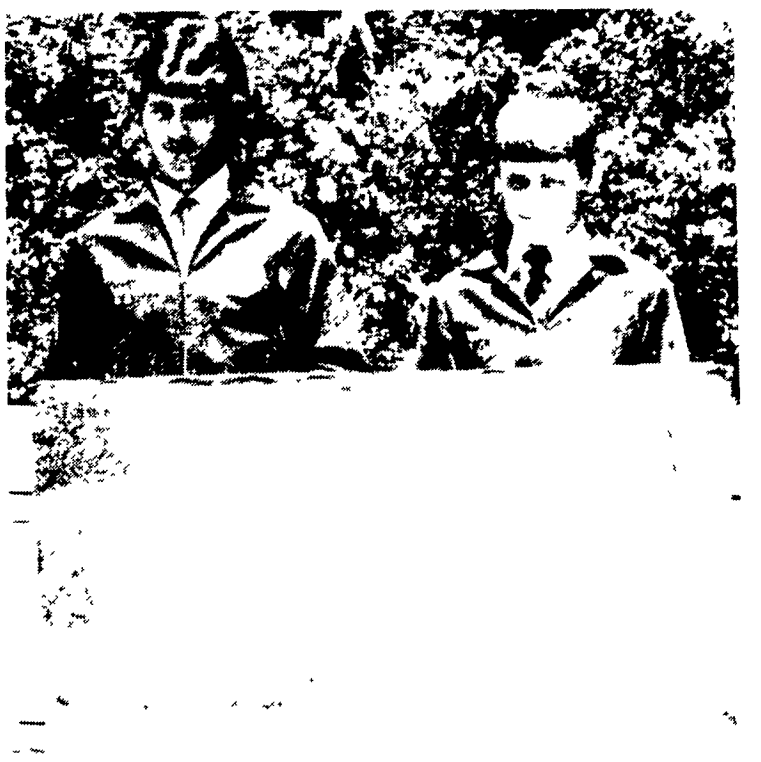
Interview winners, from the left, Dianne Steve, Fayette AVTS; Bob Dunkle, Red Bank Valley; Kim Katchmark, West Greene; and Deanna Egli, Canton.



Safe tractor drivers included Eugene Grosser, left, Halifax; and Thomas Fidler, Blue Mountain.

New and retiring Pa. FFA presidents, Laurie Duran, left; and Carolyn Witmer.

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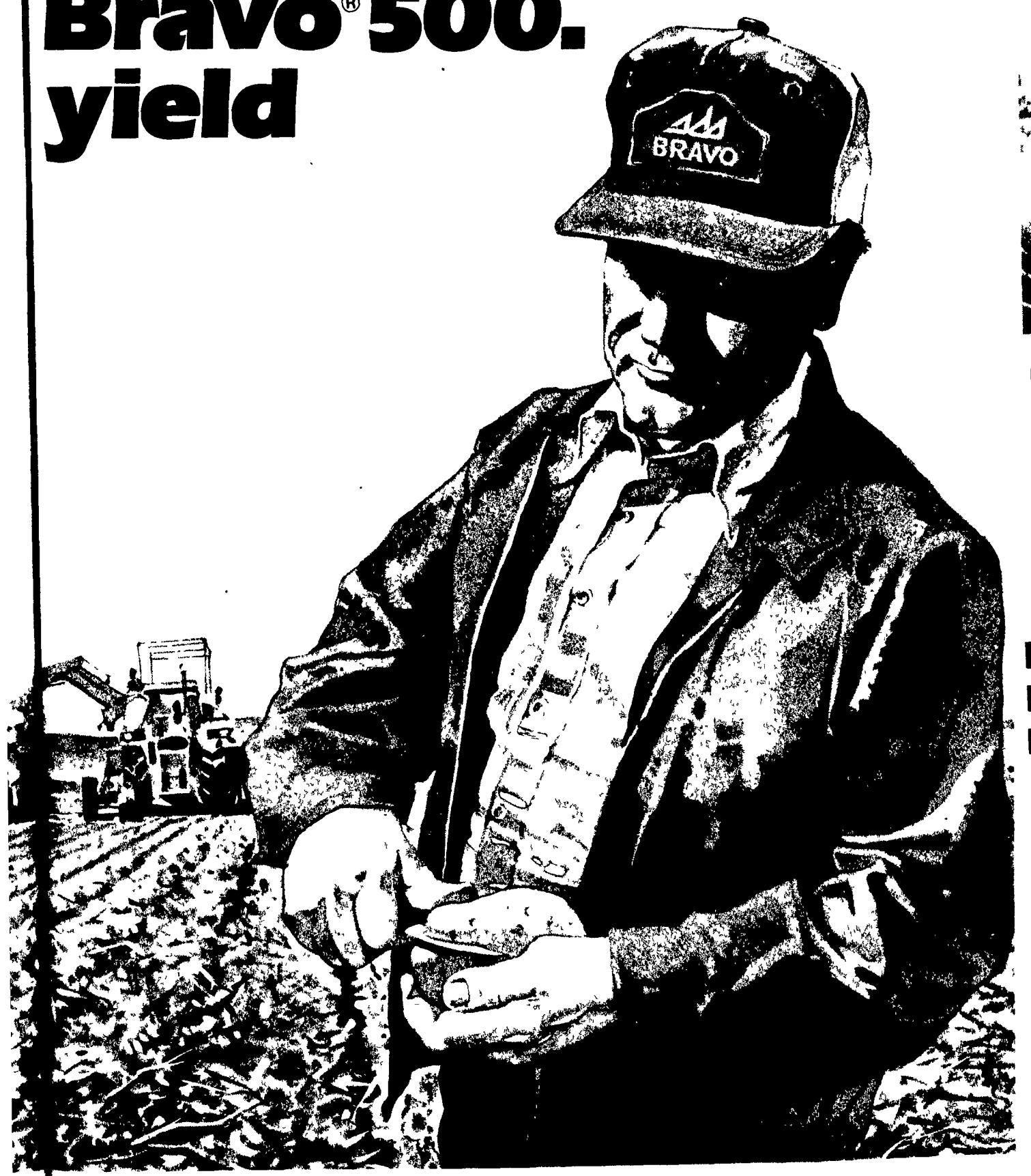

FFA

KEEPING AMERICA ON THE GROW

Dairy Pipeline

By
Glenn A. Shirk

Extension
Dairy
Agent

Getting Through Summer

Summer can be a challenging and stressful time for cows - and man! If the heat doesn't get you, the humidity will, not to mention all those other problems such as: off feed, mastitis, poor test, flies, poor conception, etc.

Ideally, cows should have shade in summer with feed and water close by. On many farms this requires that cows be stabled during the heat of the day. The problem then becomes keeping the stable cool and dry and the air fresh. This requires moving alot of air.

Open up the barn. Remove side panels if necessary. Open the ridge along the full length of the roof peak. If you are constructing a new barn, keep the roof and ceiling high. If necessary, use a lot of fans to displace stale air and to create breezes around the cows. And don't forget the feeding area; if you want cows to eat, the feeding area has to be enticing, too.

Radiators

Some farmers are interested in evaporative cooling - sprinkling roofs, misting, pulling air through wet filters, etc. These techniques may reduce temperatures slightly, but they may also increase humidity levels in the stable. Thus, the comfort you gain from lower temperatures may be offset by the discomfort caused by higher humidity. The excess moisture could also increase the incidence of serious infections such as coliform mastitis.

Another alternative to evaporative cooling might be the use of radiators. Recently, I've heard farmers discuss this concept, but I've had no experience with it in stables - only with cooling engines. Circulate cows' drinking water, or recirculate well water, through radiators, and pull incoming stable air over these same radiators. This may help lower air temperatures while minimizing the problem of excess moisture. However, you will probably have some condensation on the radiators. As I mentioned before, I've had no experience with this, and so I can't make any guarantees. But, if you are in the mood for experimenting, it might be one idea to try. I would be interested in your experiences.

Mastitis

Remember, mastitis organisms, especially the environmental types such as coliforms and strep nonags, thrive in warm, moist, filthy conditions. These conditions abound during the warmer months of the year. Thus, we need to step up our guard against these types of infections during these high-risk months.

One of the best practices is to keep the cow's environment clean and dry - no easy task! There is no substitute for this! That means keeping the stall bed and rest areas clean and dry. These are areas of most intimate contact with cows teat end. Also avoid excessive water to wash udders and be sure the cow's udder and teats are dry before the milker unit is applied.

Keeping the barn well ventilated will help keep it drier. This will tend to reduce the population of bacteria and other microbes in the environment and make your job of preventing mastitis easier.

Then, don't forget to fence off that farm pond and those swampy areas in your pasture. Don't let cows wade in water and tramp through stagnant bodies of water; it's a good way to pick up coliform mastitis. For the same reasons, we want to keep our scrape alleys, feed lots and rest areas clean and dry, too.

Another common time for picking up coliform mastitis is at calving time. This is true for other kinds of mastitis infections, too. You've gone to all the effort and expense of clearing up old infections and dry-treating cows; now, let's not fall short at calving time! Provide a clean, dry maternity area. The best place is a section of well-sodded pasture fenced off specifically for this purpose. During inclement weather, use a clean box stall that is lavishly bedded with long straw.

When it comes to preventing and fighting mastitis, there is no substitute for good sanitation! Teat dipping, individual cow towels, dry treating, machine maintenance, proper milking techniques and good cow care are other important aspects of an effective mastitis prevention and control program, but for them to be most effective, they must be combined with good sanitation.

All this cleanliness and good sanitation, if started early enough, will do a lot to reduce fly problems too, especially if combined with the effective use of fly sprays, baits, etc.

Feeding and Fat Test

It's difficult to keep cows eating and testing well during hot weather. Shade and ventilation will help.

To support high levels of production, cows need to consume a lot of feed. Consuming and digesting feed, especially forages, is work and it increases a cow's body temperature. Thus, it's no wonder a cow wants to eat less feed, especially forage, on hot days - she wants to keep cool.

This presents two problems. Less feed intake means less milk produced. The other problem is, she is a ruminant, and she needs to maintain minimum forage intake to assure normal rumen function and fat tests; good fat tests depend upon a normal funtioning rumen. If this cow was a high producer, chances are, we were feeding her maximum grain and minimum forage. So, if because of the heat, she backs off on her forage intake, we have serious problems. She is no longer meeting her minimum forage needs: rumen activity, fat tests, and her general performance and well being are quickly affected.

So, on hot days, let's be sure our cows are meeting their minimal forage requirements. If necessary, reduce grain intake to maintain forage intake. And, to reduce the heat of digestion, feed high quality, easily digested forages; this should encourage greater forage intake.

The summer may get hot, but if we can keep our cool and use our heads to concentrate on the important tasks of summer management, we and our cows can make it. It's worth a try!

The Extension Service is an affirmative action equal opportunity educational institution.

USDA invites bids on grain sales to Africa

WASHINGTON, D.C. — The U.S. Department of Agriculture's Commodity Credit Corporation recently announced further details of the sale of $90 million worth of grain to private exporters for resale to African countries hardhit by severe drought, Secretary of Agriculture John R. Block said today.

The action implements the announcement made by Block on May 18.

Block said the Kansas City, Mo., commodity office of the Agricultural Stabilization and Conservation Service has issued an invitation for offers from private exporters, listing the designated countries and the CCC commodities available for purchase.

CCC will make available for sale corn, wheat and rice valued at $90 million at CCC's acquisition cost. Exporters will acquire the commodities on a competitive bid basis and pay all processing costs plus the cost of transportation to the importing country, Block said.

Bids from exporters must be received in the Kansas City Commodity Office by 4 p.m. EDT, July 13. Successful bidders will be notified by that office by the close of business July 18.

Designated countries to which exporters may sell the commodities are: Angola, Benin, Botswana, Cape Verde, Central African Republic, Chad, Ethiopia, Gambia, Ghana, Guinea, Guinea Bissau, Lesotho, Mali, Mauritania, Mozambique, Nigeria, Sao Tome, Senegal, Somalia, Swaziland, Tanzania, Togo, Upper Volta, Zambia and Zimbabwe.

To be eligible to receive these commodities, each country must agree that purchases under this program will be in addition to normal commercial purchases and existing food aid commitments. Block said USDA has established procedures to assure this.

Fifty percent of the quantity of commodities sold under this program to exporters will be shipped on U.S. flag vessels if these are available at fair and reasonable rates.

Further information on this program is available from William Randolph (202) 382-9254 or Larry Fuell (202) 382-9241, both of whom work for USDA's Foreign Agricultural Service in Washington.

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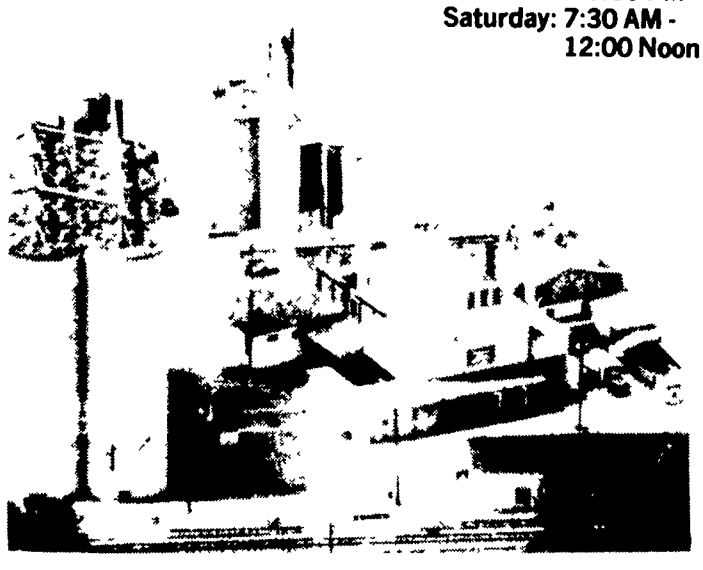

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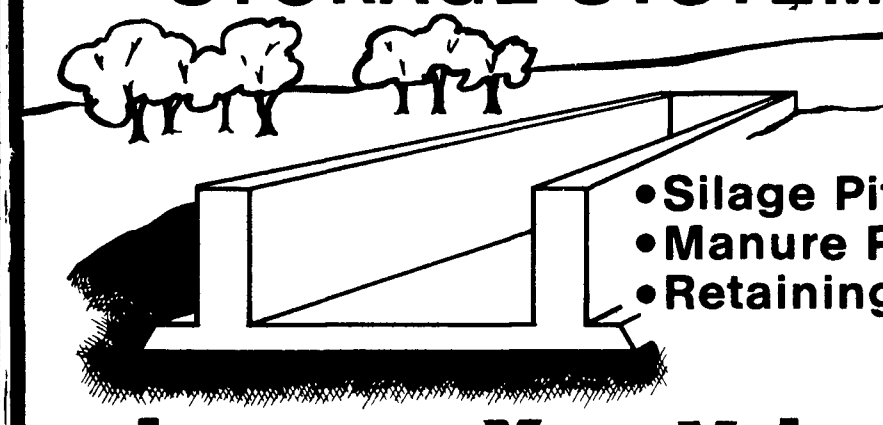

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dhia Pennsylvania Dairy Herd Improvement Association

York County DHIA Monthly Report

May Report

The high herd was Stump Acres, R10, York with 93 Holstein cows producing 19,293 lbs milk and 791 lbs B.F Second high was Lynn Wolf, Abbottstown, with 70 Holstein cows producing 20,507 lbs milk and 785 lbs B F

The high cow was Libby a 5-year-old Holstein from Stump Acres who produced in 305 days 21,236 lbs milk and 963 lbs B F Second high was Janie, a 4-year-old Holstein owned by Stump Acres who produced in 305 days 19,276 lbs milk and 927 lbs B F

OWNER	BREED	NO. COWS	% DAYS IN MILK	LBS. MILK	% FAT	LBS. FAT
Stump Acres		3	92 8	91 3	19,293	791
Lynn Wolf		B3	69 9	89 6	20,507	785
Smysers Richlawn Fms		3	71 9	86 0	20,161	762
HS&RE Fetrow		3	80 5	86 5	19,190	734
Mc Ral Dairy Farm		B3	172 7	91 7	19,262	733
Beshore Farms		3	44 4	88 6	20,122	725
Jim&Holly McCaffree		3	39 7	83 7	19,892	*719
Sinking Spring Fminc		3	66 1	85 0	18,781	708
Thomas A Boyer		3	42 5	84 4	19,135	706
The JE Baker Co		B3	42.9	85 9	19,164	705
Wayne E Myers		3	47 5	84 9	18,539	704
Paul R King		3	52 9	87 1	17,397	690
David Stewart		3	113 3	90 6	18,947	687
RR&MR Stewart		3	59 0	88 2	19,070	*674
Geo Knight		3	136 4	87 5	17,313	673
Rineway Dairy Farm		B3	91 6	87 1	17,393	671
Wayne B Mummert		B3	71 8	86 0	18,015	665
Rick L Cook		B3	64 0	87 1	17,195	660
Fawn Meadow Holstein		B3	70 5	87 2	17,469	659
B Robert Charles		3	47 4	85 4	18,015	646
Edwin L Calhoun		B3	44 2	89 5	17,581	646
Earl Fuhrman		3	84 3	87 9	17,067	638
Walnut Hill Farm		B3	41 4	87 4	17,081	634
Rodman C Thompson		3	69 3	84 4	16,677	634
Double D Farm		B3	98 2	86 1	16,649	633
Melvin R Lehr		B3	52 7	83 1	16,739	631
Mervin W Hertzler		2	63 5	87 7	12,993	630
Claude Holmes Jr		3	65 9	86 4	16,397	628
Smokey Hollow Farm		G3	38 4	89 7	17,787	625
William Ruppert		B3	53 8	86 1	17,717	621
Big T Holsteins		B3	88 1	84 7	17,070	618
Leroy Bupp		3	103 6	88 2	17,260	618
Ellis Crowl		B3	92 1	86 7	16,744	616
JH&MB Hushon		B3	89 5	90 4	16,071	614
William Myers		B3	43 8	86 9	16,692	613
David L&Chris Druck		B3	72 3	83 2	18,796	612
J Donnel Taylor		B3	114 7	86 9	16,891	609
Leaspring Farm		3	46 4	83 1	16,928	606
C Robert Kilgore		3	50 8	87 5	17,107	605
Walkers Farm		B3	69 5	87 9	16,644	605
Daryl L Bair		B3	37 3	84 3	17,235	599
Lonnie Robinson		3	42 4	90 5	15,531	597
Elvin G Molison		B3	147 7	80 9	15,832	597
Dennis J Myers		3	53 6	88 5	17,016	596
Kenneth L Rexroth		B3	136 6	88 8	15,406	588
Gum Tree Farm		3	43 2	90 5	16,701	587
Dan&Patti Hushon		B3	34 4	89 2	16,119	586
Eisenhart Bros		B3	84 8	89 0	15,590	585
John C Krone		B3	42 0	87 1	16,215	584
Rutter Bros		2	81 1	87 9	11,930	583
Phillip D Laughman		3	27 6	85 7	15,940	579
George Innerst&Sons		B3	69 9	86 9	15,719	577
Hidden Springs Farm		B8	101 2	85 0	14,780	576
Robert W Mays		B3	63 5	86 4	16,055	575
William H Fantom		B3	65 4	87 3	15,297	573
Leroy Hertzler		B3	32 1	84.9	14,966	573
Harold Brown		3	69 3	81 6	15,231	562
Robt Baumgardner Jr		B3	58.8	85 2	15,812	560
Albert Dehoff		3	153 3	87.2	15,358	559
R&M Farms		G3	43 5	84 7	14,343	558
Desota&Robt Burchett		B3	102 6	87 3	15,132	557
T Edwin Johnson		3	63 5	83 4	14,618	551
Eugene B Taylor		B3	42 3	88 1	14,905	550

* - Denotes 3x a day milking

OWNER NAME OR NUMBER	BREED	AGE	DAYS IN MILK	LBS. MILK	% FAT	LBS. FAT
Sinking Spring Fminc						
Candid	3	6-0	303	18,897	4 4	831
Nell	3	4-8	305	18,885	3 7	700
Louann	3	3-8	305	20,876	4 3	907
Beshore Farms						
Ausee	3	7-10	305	23,286	3 4	782
Juniper	3	3-11	305	20,121	3 5	711
Farah	3	3-5	305	20,716	3 6	743
Albert Dehoff						
61R	3	1-10	305	17,014	4 0	681
Doug&Gene Kilgore						
B-J	3	4-7	305	17,009	4 1	692
Thomas A Boyer						
Esther	3	4-5	181	16,206	4 9	802
Fancy	3	3-2	305	21,981	3 4	744
Certie	3	1-11	305	18,151	4 1	745
Earl Fuhrman						
Mystie	3	5-10	305	19,140	3 6	681
HS&RE Fetrow						
Ruby	3	6-7	305	22,913	3 5	799
Flora	3	3 10	305	19,073	4 1	791
Blackie	3	3-0	288	18,075	3 9	699
Stump Acres						
CJet	3	5 9	305	22,533	3 9	885
Doris	3	5 2	305	19,173	4 2	807
Libby	3	4 4	305	21,236	4 5	963
Janie	3	4-3	305	19,276	4 8	927
E-Jet	3	3-0	305	15,167	5 1	770
RR&MR Stewart						
Pebbles	3	5 4	305	22,584	3 3	737
Pasely	3	5 1	305	21,396	3 0	638
Jennete	3	4-9	305	23,710	3 6	862
Bow	3	4 6	305	21,982	3 4	737
T Edwin Johnson						
Grace	3	4 7	305	17,039	4 4	748
Leroy Bupp						
Ela	3	5-11	305	20,356	3 5	703
Sue	3	4-8	305	25,763	3 3	840
Valiant	3	2-0	305	18,240	4 0	727
Hidden Springs Farm						
Nigal	3	4-5	305	19,479	3 3	652
Dennis L McWilliams						
7	3	6 2	305	21,163	3 1	663
Dennis J Myers						
55	3	8 4	305	19,451	3 6	707
Titus Walker						
2421	3	3-0	305	16,902	4 5	753
Paul R King						
Drift	3	7-1	305	24,844	3 2	804
Tara	3	6-4	305	18,650	3 9	721
Ziggles	3	4-0	305	19,831	3 5	687
Wayne B Mummert						
50	3	6-11	305	21,619	3 5	760
Dale&Darla Doll						
April	3	5-9	305	20,158	3 7	739
Lynn Wolf						
Jewel	3	4-1	305	23,186	3 6	836
Robert J Reheard						
Penn	3	6-11	305	18,880	3 6	679
Jessie	3	3-1	305	19,514	3 5	679
Wayshar Farm						
61	3	7-3	305	17,297	4 1	717
Kenneth L Rexroth						
19A	3	5-8	305	16,821	3 9	660
50	3	3 2	305	17,413	3 8	667
111	3	3-1	305	21,338	3 6	772
Rick L Cook						
Teddy	3	5-10	305	19,991	3 9	786
J Donnell Taylor						
Bambi	3	8-2	305	21,611	3 2	699
Connie	3	6-7	305	21,280	3 7	791
Elvin G Molison						
219	3	3-2	305	19,002	3 5	656
Daryl L Bair						
Darlene	3	5 9	305	23,980	3 7	886
Smokey Hollow Farm						
98	3	2-10	305	16,222	4 6	754
Mervin W Hertzler						
Melida	2	6-0	305	14,614	4 6	665
Gary W Thoman						
2	3	7 11	305	22,674	3 3	738
R&M Farms						
84M	3	5-11	294	16,576	3 9	654
12	3	3 5	305	14,844	4 5	668
Edwin L Calhoun						
Becky	3	4 4	305	19,721	3 5	698

(Turn to Page D20)

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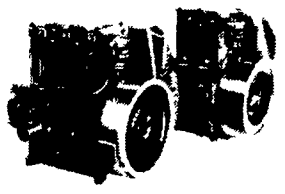

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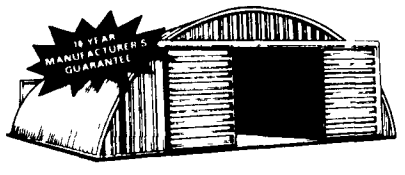

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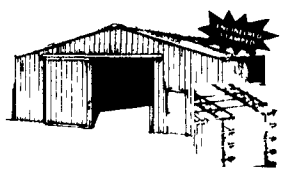

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Dealer Inquiries Welcome

Name
Address
City State
Phone

York Co. DHIA

(Continued from Page D19)

Robert W Mays						
62	3	5 3	305	21,979	3 4	739
David L&Chris Druck						
10Y	3	4 7	305	21,328	3 7	791
Big T Holsteins						
KC	3	5 5	305	23,748	3 9	921
Walkers Farm						
221	3	6-8	305	20,215	3 7	749
Walnut Hill Farm						
Donna	3	7-9	305	18,801	3 8	715
Sandra	3	3 1	305	18,594	3 6	661
Brenda	3	2 0	305	20,828	3 2	673
Double D Farm						
D-118	3	7-9	305	20,007	3 6	711
Y-21	3	7 8	305	18,459	3 6	665
D 146	3	4 2	305	18,362	3 6	670
183	3	0-0	305	16,595	4 0	661
Deal Holsteins Farm						
143	3	3 6	305	19 431	3 6	695
George Innerst&Sons						
45	3	3 4	305	17,005	4 0	683
Jim&Holly McCaffree						
Sandy	3	6-10	305	20,441	4 4	890
Faith	3	4-8	305	21,770	4 0	871
Twinkle	3	4-6	305	22,582	3 5	780
Robert E Morris						
3	3	0-0	305	17,307	4 1	711
103	3	2-0	305	17,364	3 9	674
Leonard Greek						
Reba 21	3	4-5	305	21,794	3 6	777
Deer Spring Farm						
11	3	5 5	305	20,600	3 4	695
Claude Holmes Jr						
Valstar	3	4-0	305	17,876	4 2	750
McRal Dairy Farm						
426	3	7 3	305	18,410	4 5	824
429	3	7 3	305	20,543	3 4	699
434	3	7 5	305	21,826	3 0	661
143	3	4-10	305	20,868	3 9	812
159	3	3 11	305	23,486	3 2	756
197	3	4 2	305	20,611	3 4	699
205	3	3-6	305	22,680	3 1	705
Dputy9	3	3-5	299	19,182	4 0	769
Dputy19	3	3-5	305	16,736	4 0	666
Dputy21	3	3 4	305	20,463	4 0	819
Dputy56	3	4 1	305	21,145	4 0	839
210	3	3 0	305	20,536	4 1	839
338	3	2-6	305	21,133	3 8	806
341	3	3 0	305	17,202	4 1	707
342	3	3 2	305	20,404	4 0	809
344	3	2 4	305	18,666	4 2	777
350	3	2 9	301	16,543	4 5	748
351	3	3 1	305	15,333	5 0	766
William Ruppert						
Myrtel	3	4 2	305	17 913	4 0	722
Eisenhart Bros						
209	3	9 1	305	18,857	3 7	695
319	3	4 0	305	17,903	3 6	652
Wayne F Myers						
Felicia	3	3 2	305	20,313	3 8	778

SULLIVAN COUNTY DHIA
May, Report

Rolling Herd Averages
650 Lbs. Butterfat and Over

Richard R Higley	3	85 5	83 2	17,550	713
Raymond Norconk	3	41 7	83 8	18,387	699
Lambert Farms	3	117 6	90 2	18,684	699
Ronald Hembury	3	81 1	89 5	17,293	672
Dennis-Vickie Boyd	3	32 5	84 0	19,163	665
William Hottenstein	3	53 6	82 4	17,853	654

Completed Lactations
of 750 Pounds or More of Butterfat

William B Hart							
32G	3	4-0	305	19,654	4 0	791	3
Earl & James Warburton							
Bobby	3	4-3	305	18,161	4 3	781	3
Raymond Norconk							
Leslie	3	9-8	305	23,569	3 3	773	6

CLEARFIELD COUNTY DHIA
May Report

AL Orner Sons	B3	76 7	88 0	20,116	752
John Sankey	3	31 1	87 1	19,548	728
Glenn Hicks	B3	60 7	88 5	19,191	713
R Wriglesworth&Son	B3	53 5	86 8	18,766	700
Fairman Farms	B3	44 2	87 7	17,856	674
AL Orner Sons	2	25 8	85 3	13,972	654
Duane Peters	B3	36.3	89 1	17,295	643
Lawrence Ecklund	B3	49 6	86.0	16,764	640
Wachob Dairy	B3	49 2	84.0	15,788	631
Dan Gearhart	B3	46 8	90 2	15,955	600
Pond Rose Farm	B3	43 5	87 7	15,446	582
Carl G Brink	B3	53 5	86 1	15,782	579
Frank G Sankey	B3	40.4	88 9	15,655	576
C Harkleroad Jr	G3	39 2	85 2	14,669	557
Quaker Hills Dairy	B3	16 3	89 4	14,545	542
Priselac Dairy Farm	B3	70 4	82 9	14,397	535
Zimmerman Clear Bell	B3	20 1	81 4	12,860	533
Martin Whitaker	B3	34 1	86 8	14,421	529
William E McFadden	B3	50 7	88 8	14,135	527
Fred Harkleroad	G3	31 0	85 9	13,598	520
Dennis J Modzel	B3	34 0	84 8	14,597	518
Roger Young	G3	38 6	89 2	13,299	514
Ralph McClarren	B3	26 9	86 8	13,728	511
Leroy F Rowles	B3	29 5	89 3	13,574	504
William Yaple Jr	B3	14 7	86 1	14,327	502
Freyer Dairy Farm	G3	72 4	87 9	12,973	469
Richard A Hixon	G8	42 6	88 6	12,208	467
Walter W Hicks	B3	42 2	83 7	12,055	456
Hughes Bros	G3	21 1	88 9	12,056	455
Harold Sperfslage	3	79 2	86 7	12,304	454
Zimmerman Clear Bell	B4	10 7	82 1	8,686	425
William Yaple Jr	B8	37 7	84 3	9,488	415
Howard Harkleroad	B3	40 0	83 4	10,742	408
Milchak Dairy Farm	B8	44 1	84 3	11,667	404
Duane Knepp	B3	23 7	87 0	10,012	356

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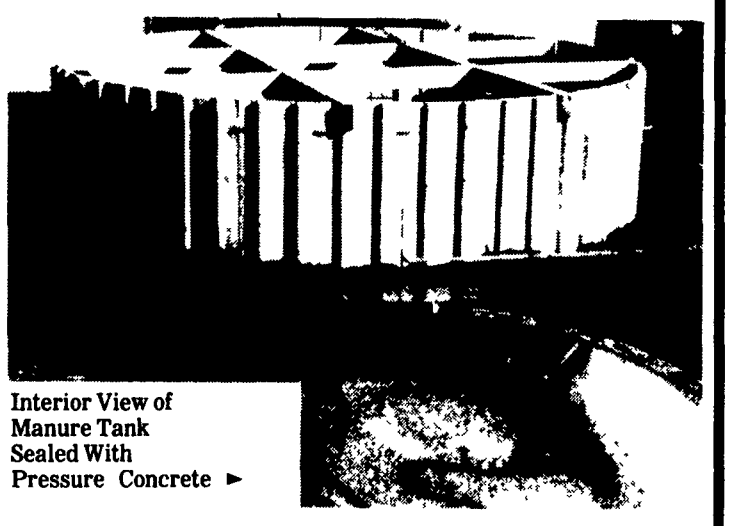

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Adams County DHIA Monthly Report

dhia Pennsylvania Dairy Herd Improvement Association

May Report

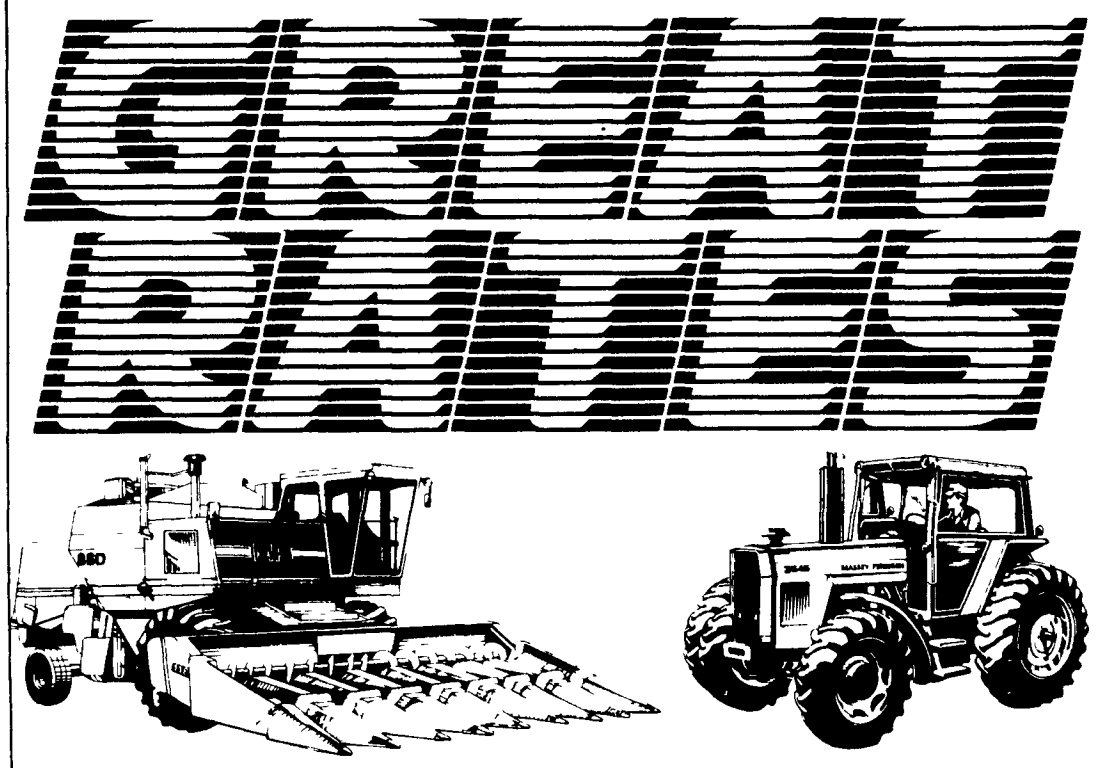
OWNER	BRD	NO. COWS	% DAYS IN MILK	LBS. MILK	LBS. FAT
Penmar Farm	3	60 9	90 0	19,992	760
Penn Gate Farm	3	61 8	88 8	18,788	724
Brown Valley Farm	3	74 6	86 2	18,478	724
Milton R Hoffman	3	40 8	90 5	18,368	711
Stoner Bros Dairy	B3	71 3	89 0	18,052	710
Leroy Deputy	B3	131 6	87 7	16,978	697
MJ Starner&Sons	B3	137 9	89 1	16,785	694
Roy A Weaner Jr	3	59 4	88 7	17,767	683
Yelow-Buttercup Farm	3	132 7	88 9	17,025	666
Wayne H Rodgers	B3	86 4	84 6	16,840	662
George I Lauchman	B8	34 8	83 9	18,241	651
Ray Cutterer	G3	68 6	84 6	16,965	649
Kling Ayr Farms	3	39 4	86 1	17,453	637
Weim Sharr Farms	3	64 5	84 2	16,902	632
Claude Holmes Jr	3	64 0	84 9	16,476	627
Donald Todt	B3	53 4	88 9	17,154	624
Eugene Witter	B3	78.2	88 1	16,013	623
Richard K Herr	B3	103 8	87 4	16,727	619
Kraybill Miller	B3	41 8	87 3	16,386	617
Kehr Acres	3	75 7	87 2	16,440	613
Home Side Acres	B3	47 4	79 3	15,757	611
Lagging Stream Farm	B3	117 4	83 2	15,309	610
Adam F Lobaugh	3	42 5	85 4	16,839	606
Rinker Bros	G3	43 0	82 2	16,138	605
Zeppdale Farms	B3	108 8	86 7	16 422	604
John J Hess	B3	129 0	87 8	15,400	604
Piney Lane Guernseys	B2	57 8	86 4	11,884	599
Way Brite Farms	B3	128 9	86 4	15 390	596
MR&CS Durboraw	B3	56 7	86 6	15,260	595
Shamrock Farm	B3	55 4	86 1	15,282	578
Buttonwood Farms	3	134 0	88 3	15,059	576
J Howard Stiles	4	45 0	84 4	11,125	576
Ber Crk	3	65 0	83 6	14,996	573
Grove Bros	B3	79 6	81 8	15,891	572
Noel&Kehr	3	45 3	82 9	15,598	568
Robel Acres	3	75 6	88 8	15,666	563
El Rho Farm	3	55 9	85 5	14,792	562
Getty Acres	B3	181 6	83 0	15,738	562
Robert&Linda Meyers	B3	86 0	86 2	15,411	559
Leroy Basehoar	B3	65 0	83 8	14,571	552
Larry Holtzinger	B3	42 4	86 8	14,239	540
Donald F Crabbs	B3	24 0	87 6	15,013	532
Robert L Rohrbaugh	B3	65 5	85 5	14,948	532
Frank Ludwig	B3	34 8	89 6	14,155	528
Wm Inskip	B3	63 6	85 5	14,127	523
Richard Mills	B3	54 8	87 3	12,321	522
James E Miller	B2	35 2	85 1	10,960	520
Roger I Sprague	B3	55 0	85 8	13,881	514
Green Manor Jerseys	4	51 9	88 5	9,961	514
Guy Tanger	3	31 4	82 2	14,297	512
Oscar F Mehring	B8	30 5	90 1	13,719	505
Grn Manor Guernseys	2	14 0	90 0	10,143	501
Pleasant Acres	B3	61 6	87 8	12,822	500
Kevin S Holtzinger	B3	228 7	84 5	13,401	497
Knud A Hermansen	G3	96 5	82 0	14,023	493
C H T J Barnett	4	32 6	88 9	9,935	488
Pennstead Farm	3	40 6	86 4	12,520	482
Bowlder Valley	B3	61 6	83 9	12,401	476
Robert C Hoffman	B3	27 2	83 5	12,185	464
MJ Roche	B3	32 0	88 9	12,539	464
H&W Farms	B3	59 4	85 0	12,083	463
Glenn&Janet Lippy	B3	110 3	87 1	11,445	438
Terrence P Murren	2	47 9	83 7	8,975	416
James C Behney	B3	46 5	86 3	10,946	389

May Honor Roll Lactations
(All complete lactations of 650 lbs fat or more)

OWNER NAME OR NUMBER	BREED	AGE	DAYS IN MILK	LBS. MILK	% FAT	LBS FAT
Penmar Farm						
Darlin	3	9 1	305	21,402	3 8	820
Lida	3	3 6	305	25,341	3 1	755
Rozz	3	3-0	305	19,245	4 1	787
Stoner Bros Dairy						
Cora	3	13 1	305	16,361	4 8	783
53	3	5 9	305	19,152	3 8	720
90	3	3 10	305	19,904	3 5	690
91	3	4-4	305	21,473	3 5	741
Brown Valley Farm						
Nifty	3	5-11	305	21,601	4 0	862
Amour	3	2-11	305	18,823	3 8	717
Valery	3	1-11	305	16,935	4 0	671
Penn Gate Farm						
Jetbety	3	7 1	305	25,256	3 8	957
O Betty	3	2-8	305	20,524	3 8	775
Piney Lane Guernseys						
Ethel	2	9 6	305	13,692	5 1	694
Elauna	2	4-5	305	16,332	4 9	804
Lass	2	4-9	305	13,682	4 9	666
Ida	2	2-11	305	11,782	5.5	652
Pendant	2	2 10	305	14,554	4 9	710
MR&CS Durboraw						
Jenni	3	9-3	305	14,415	5 0	714
MJ Starner&Sons						
107	3	6-1	305	16,216	4 7	760
24	3	5-1	286	15,380	4 6	712
30BS	3	6-3	305	18,620	4 2	785
36	3	4-7	305	16,799	4 1	693
Donald Todt						
42	3	5 7	305	19,979	3 8	767
Kling Ayr Farms						
Imelda	3	7 7	281	19,203	3 5	679

(Turn to Page D22)

MASSEY-FERGUSON



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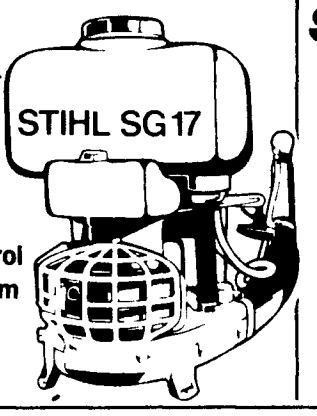

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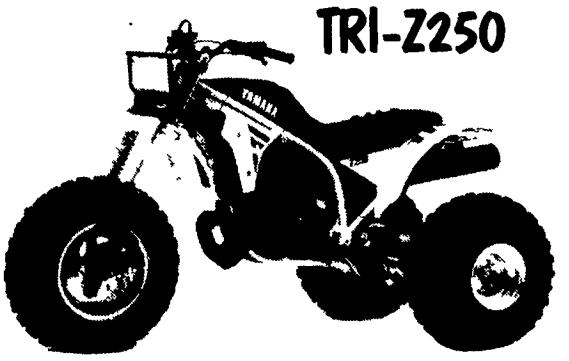

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Upper Susquehanna DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

MONTOUR, NORTHUMBERLAND, SNYDER & UNION COUNTIES DHIA
April Report

Rolling Herd Average Above 650 Lbs Fat

NAME	BRD	NO. COWS	% COW DAYS IN MILK	LBS MILK	LBS. FAT
Montour					
Carl Slater&Son	RH	34 4	89 2	20,729	764
PA Dept Of Ag	R&GrH	112 0	85 1	18,205	708
Earl W Harris	RH	56 8	85 8	18,995	686
Clifford A LeVan	RH	19 9	86 6	16,855	682
Mar-Ja Farm	RH	141 9	89 3	16 341	658
Lundy Brothers	RH	37 0	84 7	17 166	652
Northumberland					
Truckenmiller Fms	R&GrH	61 1	86 4	18 789	712
Irvin Reynolds	R&GrH	86 9	84 0	20,786	707
Shoch Manor Farms	R&GrH	127 1	87 3	18,053	672
RMD Shultz Farms	R&GrH	73 4	88 9	18,942	667
Fred&Tom Strouse	R&GrH	59 5	87 3	17,420	667
Snyder					
Randolph Hoffman	R&GrH	30 6	84 8	21,656	781
HL Narehood&Sons	R&GrH	57 1	90 8	18,759	747
Rbt Ulmer&Sons	R&GrH	66 6	88 2	19,208	711
Glenn&Barb Carper	R&GrH	55 8	86 4	18,568	700
Elmer&David Apple	R&GrH	58 1	89 9	17,684	699
Harold S Hassinger	RH	42 7	84 7	17,091	683
Jesse J Yoder	R&GrH	63 7	90 2	18,570	682
Urie & Dan Yoder	RH	51 8	85 5	17,729	669
Pasture Grn Farm	R&GrH	34 0	87 7	18,149	666
Jos&Grace Blank	R&GrH	43 7	86 5	17,798	659
Fisherdale Farm	R&GrH	70 9	91 5	17 266	653
Union					
Clarence W Beiler	RH	63 2	88 3	19 598	776
John F Stoltzfus	R&GrH	49 3	88 8	20,695	753
Locust-Row-Farm	R&GrH	48 4	90 8	18,986	727
Amos J Zook	R&GrH	50 8	85 0	18,662	699
Ben S Yoder	R&GrH	38 8	84 9	18,994	699
Jacob S Stoltzfus	RH	48 2	84 7	19,050	695
Elam Beiler	RH	41 3	92 8	16,925	694
Jonas R Zeiset	R&GrH	41 2	90 2	19,631	682
Wood Ann Farm Inc	R&GrH	31 3	88 5	18,062	681
Eugene Spangler	R&GrH	77 9	88 8	16 873	664
Mifflin Hills Farm	RH	55 0	85 6	18,641	663
Hemlock Mdw Farm	R&GrH	50 7	87 8	16 936	650

Denotes 3 Times Milking

Lactations Finished Over 750 Lbs. Butterfat

OWNER NAME OR NO.	AGE	DAYS IN MILK	LBS. MILK	% FAT	LBS. FAT
Montour					
Pa Dept of Agriculture					
225	4 8	305	19 098	4 4	835
217	4 10	305	26 270	3 5	913
Mar Ja Farm					
Bright	5 8	305	17 493	4 5	791
Earl W Harris					
Amy	5 8	305	20 764	3 9	810
Limestone Run Farm					
88	8 9	305	18,473	4 5	833
Carl R Slater & Son					
Topsy	6 1	305	22 356	4 0	887
Northumberland					
Truckenmiller Farms					
48	4 5	305	22 703	3 7	835
Ernest L Wolfe					
Connie	4 6	305	21 271	3 6	760
Park Buckwalter & Sons					
Sabrina	6 6	305	22 862	4 1	929
Irvin Reynolds					
101	5 10	305	22 437	3 5	787
Orville Shultz					
BB 43	4 0	305	18,891	4 1	779
Shoch Manor Farms					
131	4 11	305	18 381	4 5	824
Snyder					
Harold S Hassinger					
148	5 10	305	21 013	4 0	847
150	5 8	305	17 467	4 2	809
H L Narehood & Sons					
Twila 15	6 1	305	21 782	4 2	923
Theda 44	4 10	305	20 784	3 8	787
Pasture Green Farm					
Kim 29	6 8	305	23,062	3 6	831
Greta 13	4 11	305	19,932	3 8	756
Prisc 32	3 5	305	21,094	3 8	799
James M Hunsberger					
84	7 10	305	18,312	4 2	774
Glenn & Barb Carper					
Lynn 42	6 6	300	21 239	3 6	758
Robert Ulmer & Sons					
Dolly 26	6 11	305	25,991	3 2	825
Lark	5 9	305	18,742	4 5	848
Trudy	5 7	305	25,175	3 4	856
Windy	6 1	305	23,859	3 5	839
Rachel	5 1	305	24,012	3 5	834
Michael & Deb Ewing					
Chris	4 3	305	16,179	4 8	777
Daniel Hostetler					
39	4 9	305	16 320	4 6	753
Jesse J Yoder					
Shast 39	4-2	305	19,813	4 4	866
Lilly 17	3 7	305	18,069	4 2	760
Union					
Elam Beiler					
Carrie	3 2	305	18,979	4 5	858
Roland Hackman					
Joan	7 3	305	21 678	3 6	773
John F Stoltzfus					
70	7 6	305	23 647	3 4	806
Mifflin Hills Farm					
Connie	9 4	305	20 804	4 1	855
Debbie	6 6	305	23,054	3 8	887
Maple Lane Farm					
22	10 7	305	21 715	3 7	809
Jacob S Stoltzfus					
Beulah	3 4	305	22,302	3 5	786

Adams Co. DHIA

(Continued from Page D21)

Jane	8 0 0	305	19,723	3 8	747
Randy	3 7 1	305	16,248	4 1	659
Bell	3 4 4	305	16,714	4 0	666
Arla	3 4-3	305	17,269	4 2	724
Lagging Stream Farm					
Holly	3 8-5	305	19,967	3 5	697
Peppy	3 6 2	305	16,656	4 2	700
Toni	3 4-6	305	17,407	3 7	652
Jan	3 3 4	305	21 211	3 8	807
Kehr Acres					
117	3 3-5	305	16 296	4 4	711
144	3 2 0	305	16 456	4 2	695
John J Hess					
Lizz	3 4 1	296	17 224	3 9	679
Jannicy	3 3 4	305	21,900	3 5	766
1	3 1 11	305	14,935	4 4	653
Richard Mills					
84	3 0 0	305	17 645	4 0	697
Ray Dutterer					
Ruth	3 7 3	305	15 334	4 2	651
Twinkle	3 5 4	305	18,539	4 0	734
115	3 3-6	305	19,250	4 5	857
111	3 3 8	305	17 030	4 2	719
Shamrock Farm					
118	3 4 3	297	19,429	3 4	669
Wayne H Rodgers					
2	3 6 9	305	19,694	3 9	767
Monica	3 6 6	305	21,810	3 3	712
Ilene	3 6 3	305	21,833	3 9	843
Pleasant Acres					
100	3 5 11	300	16,610	4 0	659
Way Brite Farms					
G35	3 5 5	305	16,687	4 2	705
Leroy Deputy					
Estel	3 5 10	305	21,039	4 4	929
K Marie	3 5 6	305	16,941	4 8	815
Tabby	3 5 10	294	14,313	5 2	748
Rinker Bros					
Natilie	3 5 0	275	16,364	4 1	677
Zeppdale Farms					
146	3 6 11	284	20 077	3 3	665
48	3 5 5	305	22,352	4 4	984
Ber Crk					
Mada	3 3 1	305	17,297	3 8	651
Home Side Acres					
Sue	3 8 2	305	16,926	3 9	666
Trouble	3 3 6	305	18,514	3 9	728
Milton R Hoffman					
32	3 5 9	305	20,330	3 8	766
Noel & Kehr					
Oriole	3 11 2	305	18,799	4 0	756
Trannie	3 7 5	305	21,294	3 5	743
Richard K Herr					
10	3 7 7	305	21,512	3 4	730
128	3 5 6	305	20,334	4 0	812
Carnita	3 4 4	305	20 348	3 4	697
Marie	3 3 3	305	17 396	3 8	654

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Tioga County DHIA Monthly Report

dhia
Pennsylvania Dairy Herd Improvement Association

Rolling Herd Average 650 Lbs. or More

OWNER	BRD	NO. COWS	DAYS MILK	LBS. MILK	LBS. FAT
Glenn Bowen	RH	39 0	89 7	21,144	817
MIC Realty	RH	53 0	90 6	19,676	762
L & J Holsteins	RH	39 3	88 4	19,389	740
P & E Machmer	R&GrH	23 9	87 0	19,344	735
John S Bennett	R&GrH	65 3	86 5	19,981	720
Verne W Bowen	RH	39 4	87 6	18,996	713
Richard Groover	RH	41 0	83 3	18,864	712
Norm&Gary Jackson	R&GrH	38 5	85 6	18,262	712
Jay Foreman	RH	74 1	89 7	18,010	709
Theodore Schmelzle	RH	50 6	88 5	19,446	704
Simalot Holsteins	RH	47 1	87 5	18,760	*700
Douglas W Lawton	RH	62 6	88 7	19,137	698
Leemon E Gaugler	RH	39 6	89 9	18,310	693
Larry&Mary Herman	RH	45 7	86 7	18,192	684
Charles&Doris Porter	RH	40 2	87 9	18,712	682
Harold Robson Jr	RH	54 3	88 1	18,654	676
Galen&Dale Jackson	R&GrH	35 8	85 8	17,899	675
Bernard G Courtney	RH	133 9	87 5	18,621	673
William Wilcox	RH	44 4	88 2	18,718	671
Stephen E Bolt	R&GrH	72 4	87 1	19,086	*668
Randy Parthemer	R&GrH	37 2	91 9	19,100	666
Dean Baity	RH	55 9	86 2	7,396	664
Chris Gaugler	RH	37 0	90 7	17,694	659
Thomas Groover	R&GrH	26 7	84 2	17,384	658
Joseph R Sherman	Mixed	69 6	88 8	16,601	651
Charles D Groover	RH	15 6	90 3	16,854	650
Wm & Wendy Sturges	RH	87 6	85 9	17 597	650

* Denotes 3 Times Milking

Cows That Produced 750 Lbs. of Butterfat or More

OWNER NAME OR NO.	AGE	DAYS IN MILK	LBS. MILK	LBS. FAT	LBS FAT
Charles & Doris Porter					
B Bea	9 8	305	22,985	4 1	939
John S Bennett					
Tina	6 8	305	21,992	4 3	939
MIC Realty					
Camay	7 8	305	23,122	4 0	933
Dixie	6 7	305	20,928	4 3	907
Eve	5-9	305	23,078	3 9	892
Bernard G Courtney					
26 Pepy	4-5	305	22,151	4 2	931
85 Tnya	4-9	296	21,329	3 8	803
Roy A Schanbacher					
Annie	6-8	305	21,177	4 2	896
Floss	7-4	305	18,626	4 2	788
Lila	6-1	305	21,769	3 6	779
Clark Bowen & Son					
Belle	6 11	286	19,812	4 5	882
Sally	3-4	305	19,034	4 3	817
Wm & Wendy Sturges					
Cane	5 11	281	19,414	4 3	842
Timmerill Farms					
Ilde	5 8	305	23,777	3 5	835
Oliver P Butler					
Rainy	3-9	305	19,720	4 1	810
Tim Webster					
Beth	7 4	305	22,896	3 5	806
Charles Neal					
#42	5 0	305	18,715	4 3	797
Roland & Joan Kehres					
Charm 69	9-3	305	18,341	4 3	786
Sharlene M Clark					
#11		305	23,556	3 3	783
Perry & Eric Anderson					
Belle	5-0	305	19,576	4 0	780
C D & Wm Lichty					
Lila	5-9	305	16,030	4 8	775
Pine Ridge Holsteins					
Hope	4-9	305	22,786	3 4	765
William Chamberlain					
#247	4-5	305	19,937	3 8	765
Paul & Emma Machmer					
#2	3-5	305	21,588	3 5	752

CECIL COUNTY DHIA
May Report

Following are the top ten herds for May 1984 in Cecil County participating in the DHI program These results are based on a Fat Corrected Milk Basis FCM allows the comparison of milk production records, varying widely in percentage of butterfat and thus differing in energy values

Long Grn Farms	115	50 3	2 03	54 7
Charles S Moore Inc	55	50 9	1 93	53 3
E W Truitt Inc	60	53 4	1 84	53 0
Pleasant View Fms	59	47 7	1 86	50 8
Pioneer Valley Fm	120	48 7	1 75	49 4
Wil-O-Mar Farm	90	45 6	1 80	48 9
Carl C Stafford	73	45 8	1 77	48 6
Albeck Farms Inc	174	45 7	1 76	48 4
Pembroke Farm	61	46 3	1 62	46 2
Anchor & Hope Farm	18	42 1	1 69	45 7

CRAWFORD COUNTY DHIA
May Report

Note: Herds are listed by Rolling Herd Averages producing 650 lbs. of fat.

Queens Manor Holsteins	RH	19 0	20,691	780
Crawford Co Farm	R&GH	34 2	22,008	755
Black Pond Farms	RH	88 5	20,181	749
Richard L Black	RH	45 8	20,050	747
John Tautin	R&GH	39 9	19,603	727
Richard M Lyons	RH	17 2	19,697	*723
Ernest Oakes	R&GH	77 0	20,982	*714
Tom & Libby Wilson	R&GH	12 1	18,795	713
Stain-brook Farms	R&GH	41 0	18,719	707
Dennis B Halfast	RH	41 8	19,507	706
James K Anderson	RH	50 0	18,483	703
Richard Deeter Farm	R&GH	20 5	17,633	702
Helen Anthony	RH	63 4	18,604	698
O Darlan Farm	R&GH	48 4	19,141	697
Lyle D Miller&Sons	GH	43 1	18,347	683
Kerr Hill Farm	R&GH	57 2	17,797	*679
Robert A Freyermuth	RH	31 5	18,597	674
Slusser & Naugle	RH	47 7	19,330	664
Morrell Farms	RH	91 8	18,217	663
Kenneth & Judy Mook	R&GMix	14 6	16,734	657

* Denotes 3 Times Milking

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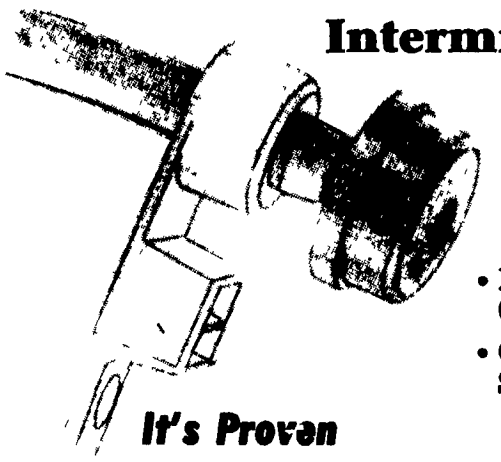

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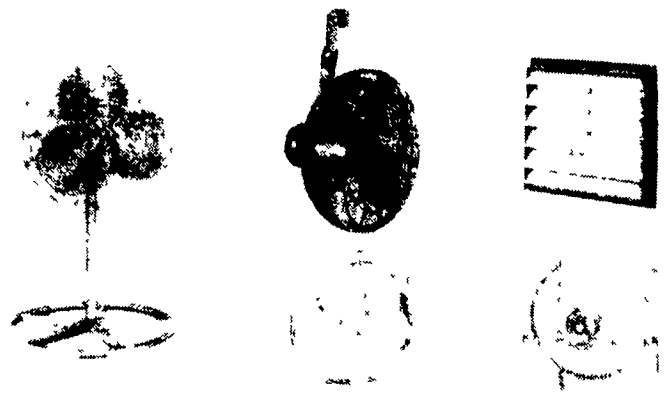

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Farm Talk

by
Jerry Webb
Delaware Extension

Everyone agrees that farmland is a precious natural resource and that it must be preserved, and that's about as far as the agreement goes. From there we take off in all directions trying to devise methods for farmland preservation that will save the land and not bother anybody. So far we've been totally unsuccessful.

If you look back in U.S. agricultural history only three hundred years, you find fewer than four million settlers scratching out a living on rough, rocky New England farms while the nation's vast plains and productive deltas lay idle. Preserving farmland wasn't a consideration since the settled area extended westward an average of only 255 miles. During those years settlers were creating farmland with their hands and horsepower and what simple tools were available. They were pulling stumps, moving rocks, turning the tough virgin sod, and otherwise making farms.

Gradually the settlers pushed westward, setting up farms as they went, until some time in the 1800's when most usable land had been claimed. But even then the nation's agricultural base was expanding as more acres came under the plow through land clearing, drainage, irrigation, and other techniques that permitted farmers to till otherwise idle acres.

But there was still plenty of room for agricultural expansion, and there was certainly no shortage of food. And so American agriculture entered the 20th Century in what is described by many historians as the "golden age of agriculture". Productive family farms, favorable farm prices and a way of life that is still considered by many to be how agriculture should be.

Three-quarters of a century and many millions of people later, farmers are still expanding their acres. But they're fighting a losing battle. In the meantime they sold their horses, making more grassland available to the plow. They concentrated livestock into pens and buildings, freeing up more acres. And they continued to clear and drain and irrigate, making even more acres available.

While all that was going on, other forces were at work — highway planners, urban developers, land speculators and home builders, all of them seeking land for nonfarm use.

At first it wasn't a big deal — a few acres here, a few acres there as a city grew — a few more acres to build a turnpike or a parking lot. It didn't really matter because there was plenty of land, but like so many of our precious resources our supply of available agricultural land is running out. It won't happen today or tomorrow and perhaps not in our lifetimes. But at the present rate of loss, it will happen. We will reach a point where America can no longer produce enough food to take care of its own people, and then we will be dependent on some other nation for our most basic need.

That doesn't have to happen, but it will unless somebody on a national level decides that farmland is truly a precious natural resource that must be preserved above all else.

It's easy for the planners of the future to plot their urban sprawl and highway systems, and to concern themselves with the wants and needs of 200 million people in the vast megalopolises that will evolve. But where are they going to get their food?

Already there are states that are net importers of food. That is to say they consume more agricultural produce than they produce. And that has to be a concern. Not that a state boundary is that critical, but the concept is. When a state has allowed its burban pressures to overwhelm its agricultural productivity, it has a problem. A state that through the years has valued nonfarm development at the expense of farmland but now finds itself a food importer, has to question the wisdom of what happened. Because only a few hundred years ago there were no urban states. There weren't even agricultural states. They were just parts of a vast wilderness until early settlers decided to call them states and stake out boundaries and make laws that permitted or encouraged or failed to control urban development.

Obviously, it's too late to reverse the urbanization of states like New Jersey, Massachusetts, Connecticut and Rhode Island, but it's not too late to save the rest. This nation still has excess farm capacity as one acre in four produces for a foreign consumer. Perhaps an abundant food supply has lulled consumers into the false thinking that our agricultural capacity will always stay ahead of our needs. We used to produce as much oil as we needed, and that was only a few years ago. We used to produce as much of a lot of things as we needed and now we import from around the world.

We still produce more food than we need and we should keep it that way through a comprehensive, national plan that stabilizes our agricultural base at a predetermined level and holds it there forever.

We really have no choice in the matter but to preserve agricultural land somewhere down the line. We either do it now when its already overdue or we do it later when it will be too late. It's time for the American people, farm and nonfarm alike, to recognize the importance of the nation's agricultural base and the dire consequences if it fails to maintain that base. I don't think we can wait until we are a good importing nation to start some kind of national land preservation program.

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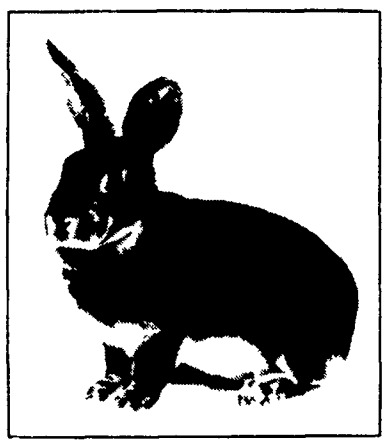

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Sale Reports

A Public Sale of antiques was held June 23 for the C. Fred Ziegler estate, at the Kauffman Station Community Center, 3 miles north of Greencastle, Franklin, Pa. A large crowd attended the sale.

Some items sold were: 1860 dress $95, high silk hat $30, copper kettle $135, swirl marble $60, quilts up to $200, early children's clothes $300, pictures over $100 and dishes up to $380 each.

Edgar J. Stull was the auctioneer.

XXX

A Public Auction of 60 old engines was held June 16 for the estate of Dave Albert, 18 miles north of Williamsport at Calvert, Pa.

Some prices included: N.H. model 9893 type P 5 hp. 1 cyl. $1125, coffee mill $190, barrel butter churn $50, model of wood covered bridge $120, and coffee grinder $35.

Sale conducted by Fraley Auction Co.

x x x

A Public Auction for Herbert F. Ballard, Jr. and Ruth Huston-Ballard was held June 14 at the Skippack Firehouse, Route 113 in Skippack, Pa.

Some prices received were: Queen Anne low chest $500, Empire sofa w/claw feet $275, Windsor chair $225, plaster figurine $425, slant-front "Bombe" kettle base desk $3000, sideboard $650, 7 Empire chairs $1050, 3 section Hepplewhite banquet table $1250, Curio cabinet $1000 and marble-top buffet $2250.

Sale was conducted by Sanford A. Alderfer, Inc.

x x x

A Public Auction of farm machinery was held June 16 indoors at the Carnival Grounds just off Rt. 73 between Reading and Boyertown in Oley, Berks Co., Pa.

Some prices were: Farmall 200 tractor $1480, blind front 2 door corner cupboard $550, 2 freezers $80 & $90, Craftsman radial arm saw $130, disc $90, grading blade $110, Graff machine $160, stoker furnace $500, snow blade $45, plow $80, 1958 Cadillac 60 4-door sedan $2500 and Remington chain saw $70.

David S. Allgyer was the auctioneer with Shirley I. Moyer, App.

XXX

A Public Sale of engines and guns was held June 23 by Raymond Ott, 3803 Aldino Road, Aberdeen, Maryland.

Some prices were: Port Huron steam engine 32-90 $7500, F-12 tractor Flat Head on iron wheels $285, gas engines $225, average price, 300-Mag. Winchester $185, Silver German dagger $175 and drysink without top $95.

Sale Manager was Col. Ross Rhodes and auctioneer was Norman Hunter.

XXX

A Public Sale of household goods and antiques was held June 23 by J. Martin Groff and Mary Edna Groff, between Farmersville and Bareville, Lanc. Co., Pa.

Some prices received were: bowed-front oak china closet $490, oak chest of drawers $165, jelly cupboard $160, dresser $75, oak bed $125, oak dresser & bed $335, oak washstand $90, carnival glass bowl $32.50, 2 blanket chests $100 & $160, silver dollars up to $16 each, tool box $50, drill press $160 and 1973 Chevrolet pick-up truck $860.

T. Glenn and Timothy G. Horst were the auctioneers.

XXX

A Public Auction of household items and antiques was held June 23 for the LaRoca Faye estate 2½ miles north of Blossburg, Pa.

Some prices included: butter mold $140, sock darner $12, salt shaker $25, crock $32, 21" Lawn Boy mower $70, brass bed $70, sideboard $280, oak table $170 and side by side Secretary $150.

The auctioneer was Ron Mase.

XXX

A Public Auction of the Hoffmaster collection of stoneware and pottery was held June 23 by Kathryn Hoffmaster at 135 W. Market St. in Hallam, York Co., Pa.

Some prices received were: frosted oil lamp $70, 2 Ray-O lamps $175 each, cheese molds $145 & $185, Cowden-Wilcox batter jug $800, Cowden-Wilcox batter jug $1300, pair of twin hooded sconces $620, Pfaltzgraff crocks w/blue decorations $450 & $325, Cowden-Wilcox pitcher w/blue decoration $600, Walde churn w/blue decoration $750, cast iron Hubley Aunt Jemima $325 and miniature candle mold $135.

Frederick Toomey was the auctioneer.

XXX

A Public Sale of real estate and a mobile home was held June 23 by Enos S. and Dorothy M. Weaver along Laurel Hill Rd. south of Bowmansville, Lanc. Co., Pa.

The 2 acre lot with a 2 car garage and 12 x 60 Nashua mobile home with an additional room was sold for $30,000 to Irvin Weaver, R.D., Narvon, Pa.

LeRoy S. Horst was the auctioneer.

XXX

An Estate Auction for Woodrow Kerschner was held June 23 one mile north of Fogelsville turn west onto Wertman St., Lehigh Co., Pa.

Some prices included: 1977 Chev. 10 van $3250, Farmall H tractor $1150, Farmall A tractor $1100, N.I. 7' mower $300, Winchester 32 rifle $550 and bucket bench $390.

Ralph W. Zettlemoyer Auction Co. Inc. conducted the sale.

XXX

A Public Auction of modern farm machinery and Holstein dairy cattle was held June 20 by Ronald and Lesta Kile, 12 miles northeast of Bloomsburg, Pa. There was a large crowd at the sale.

Some prices were: J.D. 4430 tractor $11,300, J.D. 4040 tractor w/158 loader $15,700, Moridge grain dryer $3500, N.I. 704 combine $9000, '74 Fruehauf 32' tandem aluminum dump trailer $10,000, 70 Peterbilt tractor-truck $7300, Girton 500 gal. bulk tank $1000.

The 3 top cows sold for $1075, $1050 and $1010.

Sale conducted by Fraley Auction Co.

PUBLIC AUCTION

FARM MACHINERY, 4 TRACTORS, SAWMILL, HOUSEHOLD GOODS, ANTIQUES, ETC.

On farm 6 miles S. of Sunbury, Pa. 3 miles W. of Augustville along Hallowing Run Road. Auction arrows off Rt. 147 at Brumbachs Auction.

WEDNESDAY, JULY 4, 1984

Starting 9:00 A.M. Sharp

w/House Items

GE P/7 30" elec. range; Whirlpool 16 cu. ft. chest freezer; Whirlpool auto washer & dryer; Cherry 6 leg ext. table; Pa. House Cherry server; Mahogany duncan phyfe ext. table; Mahogany corner cupboard; 6 mahogany chairs; 2 pc. marble top bedroom suite; Oak marble top washstand; 3 pc. poster bedroom suite; Magnavox stereo; Cherry spiral candle stand; Cherry bentleg tilttop stand; brass candle stand; 2 oak towel racks; washstands; CI lamp bracket; round pedestal table; lions head arm chair; few quilts; slant top several crocks; old rockers; stick telephone; copper applebutter kettle; rayo oil lamp w/red shade; parker lawn sweeper; grain cradle; ice tongs; pitcher pump; Neuman Bros. dbl. brl. 12 ga. hammer shotgun; 2 CI butcher kettles; meat grinder; 8 qt. lard press; meat tub; many other house items & small tools; Farm machinery sells at 1 PM. 4 IH Tractors inc: 460 w/TA, 2 pth.; M w/pully; Super C w/2 pth; H w/pully; IH 2 pth. 2&3 - 14" plows; 2 & 3 -14" trailer plows; IH 12' harrow; disc; cultipacker; Ontario 13-8 hoe drill; 24' all purpose elevator; 20' alum. elevator; King-Kutter 6' pull rotary mower- just new; IH 2 pth 7' bar mower; NH 404 crusher; JD rake; IH 46 pto baler; mandrel saw; IH #20 mounted picker; JD #9 harvester; Myers 200 gal. sprayer; McCurdy gravity wagon; flatbed wagon; 8x16 flatbed; NI 12A manure spreader; 2 pth blade; Farquer manuel belt driven saw mill w/15' carriage, 45' track, 48" blade under roof ready to go; 30'x6" belt; 69 Chevy C/20 4 wheel drive pickup w/dump hoist; 1 horse sleigh; 75 lb. anvil; air compressor; potato plow; quantity of air dryed lumber, walnut pine, etc. hundreds and hundreds of items not listed.

Owner,
RUSSEL B. BROSIUS

Conducted by
Fraley Auction Co.
546-6907 AU001194L

Lunch-tent if inclement.

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

JUNE

SAT JUNE 30 11 AM Public Auction of Horses Located at Keister's Middleburg Auction Sales, Inc , Rt 555, 3 mi east of Middleburg, PA, 5 mi west of Selinsgrove, PA Don and Walt Keister, Owners Ray Long and Dave Imes, Auctioneers

SAT JUNE 30 - 6 PM Public Auction of Arnold's 32nd Sale of Bred & Open Gilts and Boars Located at the Lebanon Fairgrounds Lebanon, PA Harry Bachman Auctioneer

SAT JUNE 30 9 AM Public Auction of Household Goods Antiques & Coins Located at the Denver Fire Hall 425 Locust St , Denver, PA Harry S Stoner Estate George S Gehr, Irene M Matz & Clarence E Spohn, Executors T Glenn & Timothy G Horst, Auctioneers

SAT JUNE 30 11 AM Public Auction of Real Estate & Farm Equipment Located along Burkholder Rd (66014) Approx 2 miles south of Red Lion on Rt 74 to Godfrey's Ice Cream Bar Turn left on the road leading to New Bridgeville Windsor Twp , York Co , PA C Horace Gipe, Owner Reynold L Burke, Auctioneer

SAT JUNE 30 - 9 30 AM Public Auction of Valuable Real Estate, Household Goods & Personal Property Located on Sheaffer Valley Rd , R D 2, Landisburg, (Perry Co) PA The York Bank and Trust Co , Trustee for Clara Ackerman Sanford G Leaman, Auctioneer

SAT JUNE 30 5 30 PM Public Auction of Vehicles & Office Equipment Located in Camp Hill, PA at the Bell Telephone garage on Appleton St in Camp Hill Vilsmeier Auction Co , Inc , Auctioneers

SAT JUNE 30 9 AM Public Auction of Tractors, Machinery & Furniture Located indoors at the Carnival Grounds just off Rt 73 between Reading and Boyertown in Oley, Berks Co , PA Aurther J Boyer, Owner David S Allgyer Auctioneer

SAT JUNE 30 10 AM Public Auction 2 Day Sale of Antiques Located at the residence at 49 N Carlisle St Greencastle PA Turn east off US Rt 11 at Cross Roads Dairy G Fred Ziegler Estate Citizens Nat'l Bank Trust Dept , Executors Edgar J Stull Auctioneer

SAT JUNE 30 10 30 AM Public Auction of Antique and Old Church Furniture Located in Piney Neck From Chestertown take Rt 20 for about 10 miles toward Rock Hall Turn left at Blue Store (Edesville & Piney Neck Rd) Signs posted just north of Rock Hall, MD Evelyn Reynolds, Owner Harry Rudnick & Sons, Inc , Auctioneers

SAT JUNE 30 11 AM Public Auction Consignment Horse Sale Located at Keister's Middleburg Auction Sales, Inc , Rt 522, 3 miles East of Middleburg, PA , 5 miles west of Selinsgrove, PA Don & Walt Keister, Owners Ray Long & Dave Imes, Auctioneers

SAT JUNE 30 9 AM Public Auction of Antiques, Collectors Items, Household Goods Farm Items, Etc Located 13 miles east of Hughesville, PA 2½ miles west of Unityville Auction arrows off Rt 42 at Unityville Elizabeth Gordner Estate Harley Gordner, Executor Fraley Auction Co , Auctioneers

SAT JUNE 30 10 AM Public Auction of Farm Machinery & Misc Equipment Located at Buck and Doe Run Valley Farms Cattle Pens and Shop Area, 7 miles south of Coatesville, PA on Rt 82 Buck & Doe Run Valley Farms Co , Owners Peter Krall Auction Co

SAT JUNE 30 9 AM Public Auction of Antiques a Rare 30 Year Private Collection Located along Old 522 at east side of Beaver Springs, Snyder Co , PA 60 miles north of Harrisburg, 30 miles east of Lewistown, PA Glenn N Bingman, Owner Earl Eash, Auctioneer Bill Mattern Apprentice Auctioneer

JULY

MON JULY 2 12 NOON Public Auction of Horse Farm, Race Horses, Horse Equipment & Farm Equipment Located from Easton to Denton, take Rt 328, leaving Easton Go about 2 miles to Black Dog Alley Rd Turn left Follow signs Don & Dale Milby, Owners Carroll's Sales Co , Auctioneers

MON JULY 2 11 AM Public Auction of 132 Head of Holsteins Located at the Smith Mead Farm along New Design Rd , 1½ miles southeast of Frederick, in Frederick Co , MD Take the exit at 76 Truck Stop off I 70 and follow sale signs George William Smith III, Owner

WED JULY 4 9 AM Antiques & Collectibles, Farmersville Auction in Farmersville 3 mi East of Brownstown Lancaster County, Pa John J Rutt Auctioneers

WED JULY 4 9 AM Public Auction of primitives and small items, oak and miscellaneous furniture Located at Troxelville Antiques, Troxellville, PA Joe Herman, Owner Mark J Jones and Dale L Longacre, Auctioneers

WED JULY 4 12 30 PM Public Auction of the Second Annual Cumberland Valley Jersey Breeders Sale Located on the Shippensburg Fairgrounds Shippensburg, PA Ralph Horst, Auctioneer

WED JULY 4 9 AM Public Auction of Farm Machinery, 4 Tractors, Sawmill, Household Goods, Antiques, Etc Located on farm, 6 miles south of Sunbury, PA 3 miles west of Augustville along Hollowing Run Road (Nth'd Co) Russel Brosius, Owner Fraley Auction Co , Auctioneer

WED JULY 4 9 AM Public Auction of Tractors and Equipment Located from Interstate 81 south of Martinsburg, WV Take exit 5 (Inwood) WV Rt 51 east approx 3½ miles to Shutt's Cash Grocery (Formerly Haines) Turn right 2 of a miles to sale OR from Charles Town, WV, take Rt 51 west Go approx 8½ miles to Shutts Cash Grocery Turn left 2 of a mile to sale Edgar A Bohrer Auctioneers

THURS JULY 5 Monthly Cow Sale at Mel Kolb, Inc Lancaster Farm, 2220 Dairy Road Lancaster PA

FRI JULY 6 7 P M Horse Sale at New Holland Sales Stables Inc 12 miles east of Lancaster off Rt 23 in New HollandPa Abe Diffenbach Manager

FRI JULY 6 10 30 AM Public Auction of Farm Machinery Located 1 mile west of West Chester on 322 at corner of Bypass and 322, Chester Co , PA Bill White, Owner Whitford Sales Co , Auctioneer

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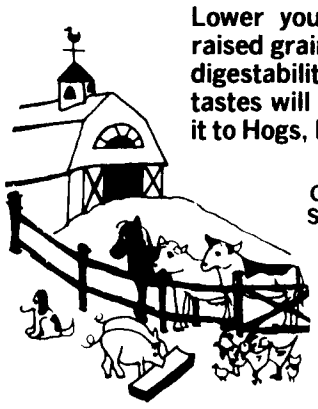

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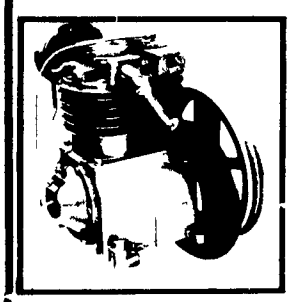

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RD 1 Box 94A Kirkwood, Pa. 17536
or call answering service 717-529-2668

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

FRI JULY 6 7 PM Public Auction of Grain Drying & Storage Equip ment, 2 1 Acres & a 3 Brm Mobile Home Located on Cloverleaf Rd , near Strinstown, PA Take exit 13 off I-83 W Marshall White and John C White, Owners Jack Reedy, Auctioneer

SAT JULY 7 - Public Auction of Real Estate Located at Lack Twp , Juniata Co , 20 miles south of Mifflin along Rt 35 William J Owens Estate Bryan D Imes, Auctioneer

SAT JULY 7 2 PM Public Auction of 3 28 acre country property Located between Lebanon and Reading at Myerstown Take Route 645 North from Route 422, 2 miles, to Rosebud Road Turn left, proceed 2½ miles to property on right Jackson Township, Lebanon County, PA Clarence B and Kathryn G Martin, Owners Paul E Martin and John D Stauffer, Auctioneers

SAT JULY 7 - 11 AM Public Auction of 7 International Truck Tractors & 6 Fruehauf Trailers Located at Heavlow & Sons Garage, Rts 290 and 213, Galena, MD Ir win J Heavlow, Owner Harry Rudnick & Sons Inc , Auctioneers

SAT JULY 7 - 10 AM Public Auction of Real Estate, Antique Cars & Parts, Garage Tools, Lumber, Antiques, Etc Located at Loganton R D , 3/10 mile west of Inter change #28 on Interstate 80 D Earl Jeffries Estate Bob, Chuck & Rich Roan, Inc , Auctioneers

SAT JULY 7 10 AM Public Auction of Farm Equipment, Tools & Truck Located off Rt 93, Conyngham Valley, 2 miles north of Hazelton, known as the Albert Yen chick farm, Sugarloaf Twp Mrs Albert Yen chick, Owner Curt, Doug & Tim Houser, Auctioneers

SAT JULY 7 - 10 AM Public Auction of Real Estate Located at the Franklin Co Courthouse J Robert Meyers, Auctioneer

MON JULY 9 - 6 PM Public Auction of a Complete Liquidation of Restaurant Equipment & Fixtures Located at Martz Seafood House, 6106 Carlisle Pike, Mechanicsburg, PA , across from Capitol City Mazda/Toyota Kerry Pae, Auctioneers

TUES JULY 10 - 4 PM Farmersville Auction in Farmersville, 3 mi East of Brownstown, Lancaster County, Pa John J Rutt, Auctioneers

WED JULY 11 - 11 AM Public Auction of Farm Equipment Located west of the Village of Malta, 2 miles south of Dalmatia in Lower Mohanoy Twp , Northumberland Co , PA 6 miles north of Millersburg, 18 miles south of Sunbury, ½ mile off Rt 147 along Mahan tongo Creek Rd Farmers Home Administration, Owners Mike & George Deibert, Auctioneers

WED JULY 11 7 PM Public Auction of Real Estate Located on Rothsville Rd from Rt 272, ½ mile Turn right, Rettew Mill Rd , ¼ mile across covered bridge First house and barn on left at 983 Rettew Mill Rd Ephrata, Twp , Lanc Co PA ELPEE Ltd Owners Abe Diffenbach, Auctioneer

FRI JULY 13 1 30 PM Public Auction of State Grade Consignor Feeder Pig Sale Located at the Carlisle Livestock Market, Inc

FRI JULY 13 - Public Auction of Country Real Estate Long's Auc tioneering Service

SAT JULY 14 - Public Auction of Real Estate & Farm Machinery Located at R D 2, Port Royal

Harvey J Stake Estate Bryan D Imes, Auctioneer

SAT JULY 14 12 PM Public Auction of a 46 Acre Farm Located at Carsonville, PA , Jeffer son Twp , R D 2, Halifax, approx 12 miles east of Rt 225 on Powells Valley Ru or Carsonville Rd , or 1 mile south of Elizabethville on Rt 225 to the Mountain House Road and 9 miles south to Powells Valley Rd Then 1 mile to sale John Stehman, Owner. Ed Shoop & Dave Deibler, Auctioneers

FARMERSVILLE AUCTION

WEDNESDAY, JULY 4, 1984
9:00 A.M.
In Farmersville, 3 mi. east of Brownstown, Lanc. Co., Pa.

ANTIQUE AND COLLECTIBLE SALE

10 pc. burl walnut Queen Anne diningroom suite; oak bow front china closet w/paw feet; walnut side-lock chest; 3 oak dressers; large butcher block; wooden rockers; marble top Victorian stand; large Victorian mirror; oak drop leaf table; Sellers kitchen cabinet; silver dollars; spool cabinet; old wooden boot making outfit; 2 tier pie crust table; old magazines (Youth Companion); children's books; quilts; lots of old envelopes w/cancelled stamps; stereoptican; depression glass; bobby chair; Empire bureau; oak chest of drawers; mantle clocks; mahogany secretary desk; post cards; quilting frame; comic books; etc. etc.

18 GUNS FROM LOCAL ESTATE

30-30 Winchester Bi-Centinal Railroad Spike; 257 R bolt action w/scope; 760 Remington 308 w/scope; Percussion muzzle loader; Muzzle loader flint lock; Winchester 30-30 lever action w/scope; 225 Win. Savage Model 340 bolt action w/scope; Winchester Model 12 w/poly choke; Western Field 12 gauge 30" full choke; J.C. Higgins bolt action 12 gauge; 22 long w/scope; Remington 22 Field Master pump w/scope; brass powder flask; 10 gun Early American maple gun cabinet.

This is only a brief list!
No out of state checks!
WE SELL ON COMMISSION

Call **JOHN J. RUTT**
354-5095

Auctioneer Lester Weaver
AU-982-L
Guns will be sold at 1:00

ABSOLUTE AUCTION

FARM MACHINERY
FRIDAY, JULY 6, 1984
at 10:30 A.M.

Location: One mile west of West Chester on 322 at corner of Bypass and 322. Chester County, PA.

New Idea Fertilizer Spreader (10'); JD 4020 (D) Tractor; JD 3020 (G) Tractor; JD 2220 (G) Tractor; NH "Wheel-a-Feed" Hopper Blower; JD 4 Bottom 14", 3 PM Hook-Up Plow; JD 3 Bottom 14" 3 Pin Hook-Up Plow; NH Manure Spreader (Model 5871); Avco E-Z Flo Rake (Model 126); NH 271 Baler; JD 1209 Haybine; JD Model 47 Front-End Loader; NH Crop Carrier #8 Forage Wagon; NH Model 15 Wagon Running Gear; JD Models 953 & 1065 Hay Wagons; United Farm 8T Hay Wagons; JD Disc; F600 Farm Dump Truck; NH 30' Elevator; Int. Model 35 Disc; Esco Milk Tank (850 Gals); Two Surge Pipeline Milkers (75 Stalls) w/Electrobran Automatic Pipeline Washer; Jamesway Stall Stanchions w/40 Waterbowls; Smoker Elevator (60'); Marietta Silo (20'x60'); Jamesway Automatic Silage Unloader; Smoker Corn Drag Elevator; JD #5 Mower; Int. Roto-Bar Rake; 8' Pickup Comperi Ford 3 pt. Hookup Mower; 3 Ton Chain Hoist; Large Frame Bank Barn To Be Removed.

TERMS: CASH or Approved Check.
INSPECTION: Day of Sale.

Auction Ordered By:
BILL WHITE, Owner

Auction Conducted By:
WHITFORD SALES COMPANY
Box 100, Uwchland, PA 19480
(215) 458-5060

"Eastern Pennsylvania's Foremost Auction Company"

GOOD'S AUCTION

111 N. Maple Ave. Leola Pa.
Hay and Straw Sales Every Wed.
At 12:00 Noon
FARM MACHINERY SALES
FIRST AND THIRD WED.
FEB. THRU OCT.
AT 9:00 A.M.
Loading Hours 8:00 a.m. To 6:00 p.m.

ALL KINDS OF BUILDING MATERIAL
At 11:00 A.M.

No Household Items
No Junk
No Out Of State Checks
Flea Market Stands Available
First and Third Wed.
At $3.00/$4.00

Goods Auction
111 N. Maple Ave.
Leola PA. 17540

HAYMAKER SPECIAL

SATURDAY, JULY 7th
10:30 A.M.

at Visscher Farm, Rte. 282, 1½ miles south of Nichols, N.Y. use exit 62 off Rt. 17 Expressway; 18 miles north to Towanda, Pa. via Rte. 187.

TRACTORS: Deutz DX 160 low hours, cab & duals; Int. & Farmalls: 674, 856, TD 9 dozer; Ford 5000; MF 265 w/canopy; Case 995 w/cab; NH 445 diesel skid steer; **COMBINE:** NH TR 70 4 WD w/4 row corn; AC Gleaner A II; plus more by sale time.

CHOPPER SPECIAL: Hesston field queen 7650 Detroit diesel 4 WD, 7' p.u. head & 4 row corn - needs work.

EQUIPMENT: NH 479 haybine; bale elevator; Forage Harvestors; Gehl 660, NH 717, JD 3800; Int. 430 balers w/thrower; NI picker-sheller; Gehl 99 blower; Dion blower; plus more by sale time.

Complete line from Troy, Pa. farmer: Farmall W-6 tractor; JD 1209 mower cond.; Gehl 640 wagon; Papec box; running gears; Diadem 3 pt. spreader; Ford post auger; Bush Hog transport disc (like new); IHC 4 row cyclo planter; Brady field cult.; sprayer; IH 550 chopper w/2 row corn; elevator; JD rotary mower; trailer type.

TERMS: CASH OR GOOD CHECK

Howard W. Visscher
Sales Managers And Auctioneer
Nichols, N.Y. 607-699-7250
LUNCH AVAILABLE

PUBLIC AUCTION

VALUABLE 8.3 ACRE FARMETTE CONSTRUCTION EQUIPMENT, ANTIQUE TRUCKS & CAR, HORSES & TACK, HOUSEHOLD GOODS

SAT., AUGUST 4, 1984
10:00 A.M.

Located Rt. 472 South of Quarryville 6 Miles to Maple Shade Rd., turn East 1 Mile or from Oxford go North 6 Miles on Rt. 472 to Maple Shade Rd. turn East 1 Mile.

Property consists of 5 Acres of tillable land, woods, stream. All fenced in. 3 Bedroom Modular Home 24x42, elec. heat, 2 baths, full basement, 12x16 greenhouse attached.

Open House- Sat. July 14, 21, & 28 from 1 to 4 PM. This property has a lot of potential. Real Estate will be offered at 1 PM. More information call Auct. 717-786-3394.

TERMS BY
NELSON H. RADER

Auctioneers Conducting Sale:
Lloyd Kreider, AU000513L
Randal Kline, Roy Good, Gary Shirk

KREIDER & KLINE AUCTION SERVICE
Phone 717-786-3394
or 717-733-1006

PUBLIC AUCTION

At Franklin Co. Courthouse
SATURDAY, JULY 7, 1984
AT 10:00 A.M.

Large stone home in Chambersburg, Franklin Co. Built 1914. City water & sewer, 10 rooms, 2 baths, large lot. All woodwork inside, new wiring & plumbing. For information or inspection, phone Glenn Dice 717-263-3239.

Terms - 10% Down Day of Sale. Balance due within approximately 30 days. Other terms and conditions made known day of sale.

Auctioneer: J. Robert Meyers
License AU-000601-L
Attorney
Timothy S. Sponseller

PUBLIC SALE

OF REAL ESTATE
TUESDAY, JULY 24, 1984
@ 7:30 P.M.

Located one miles west of Sadsburyville on Wilmington Road, West Caln Twp., Chester Co., Pa. From Rt. 30 at Sadsburyville go north 1 mile on Wilmington Rd. to property.

Real Estate consists of approximately 4 acre property with a 2½ story stone house. 1st floor has kitchen, dining room, large living room with stone fireplace, hardwood floors and open stairway to 2nd floor. 2nd floor has 4 bedrooms and 2 baths. Basement has dirt floor; new hot water heater; 275 gal. oil tank; OHA heat; plastic plumbing; shingle roof. The 4 acres of land is level to gently sloping and has a small stream.

This property has a nice setting in a good location; however, the house needs some redecorating work.

INSPECTION: Thursday, July 5 from 7:00-8:30 P.M. or by appointment.

TERMS: 10% down day of sale, settlement within 45 days.

TERMS BY:
JOHN S. & FLORENCE STOLTZFUS
Atty: Linda Kling
Alvin Horning, Auctioneer
HORNING FARM AGENCY, INC.
Main St., Morgantown, Pa. 19543
215-286-5183

PUBLIC AUCTION

GRAIN DRYING & STORAGE EQUIPMENT
2.1 Acres 3 Brm. Mobile Home

The undersigned will offer the following on the premises located on Cloverleaf Road, nr. Strinstown, Pa.; take exit 13 off I 83.

FRIDAY, JULY 6, 1984
AT 7:00 P.M.

REAL ESTATE: 2.1 acres with 3 BR, 12x60 mobile home w/ref., stove, dishwasher, washer and dryer; also dinette and beds. There is a drilled well and septic system on the property.

PERSONAL PROPERTY: Grain drying equipment, 26,000 bu. cap. bin and dryer, dryer w/5000 bu. per day cap., augers, fans, cleaner and 55,000 lb. cap. scale.

TERMS: PERSONAL PROPERTY, CASH.

REAL ESTATE: $5,000 deposit by way of cash or approved check. Balance within 30 days at settlement time. Taxes to be adjusted to date of settlement. Transfer taxes to be divided equally with all other cost of transfer to be borne by the purchaser.

MANNER OF SALE: Personal property will be offered separately with bids held, 2.1 acres and mobile home will be offered with this bid held, then the entirety (previous bids) will be offered and the manner producing the greater amount will be the order of selling. All bids subject to owner confirmation at sale time.

FOR INSPECTION, CALL AUCTIONEER

OWNERS:
W. MARSHALL WHITE & JOHN C. WHITE
Auctioneer: Jack Reedy
Hampstead, MD.
239-8110

ABSOLUTE AUCTION

Having decided to discontinue my trucking business, I will sell the following at Heavlow & Sons Garage, Routes 290 and 213, Galena, Md.

SATURDAY, JULY 7, 1984

at 11:00 a.m.

7 INTERNATIONAL TRUCK TRACTORS, 6 FRUEHAUF TRAILERS

'79 Transistar 400 Cummins Diesel (rebuilt 20,000); '77 Transistar 290 Cummins Diesel (rebuilt 300 miles); '75 Transistar 350 Cummins Diesel (rebuilt 65,000); '74 Int. 290 Cummins Diesel (needs rebuilding), '67 Int. Gas 2 Speed tag axle in good condition, '67 Int. gas, single axle 2 speed rear in good condition, '66 Int. gas, single axle 2 speed rear (good engine)...

'78 Fruehauf Refrig. Trailer (unit rebuilt fall of '83); '77 Fruehauf Refrig. Trailer (unit rebuilt spring of '84); '76 Fruehauf Refrig. Trailer (unit rebuilt fall of '83); '75 Fruehauf Refrig. Trailer (unit rebuilt fall of '83); (The above trailers are tandem axle and 42' in length and 12'6" and 13' high); '75 Fruehauf 42' flatbed trailer w/sides, '75 Fontaine 40' flatbed trailer w/sides in excellent condition.

Inspection at any time prior to sale.

Terms: Cash, Certified or Cashier Checks, or Checks with Bank Letter of Credit.

Owner,
IRWIN J. HEAVLOW
Routes 213 and 290
Galena, MD 21635

HARRY RUDNICK & SONS, INC.
Sales Managers & Auctioneers of Galena, Md.
(301) 648-5601

ABSOLUTE AUCTION

COMPLETE LIQUIDATION

MONDAY EVE. JULY 9, 1984

AT 6:00 P.M.

Martz Seafood House, 6106 Carlisle Pike, Mechanicsburg, PA, Across From Capitol City Mazda/Toyota.

RESTAURANT EQUIPMENT

Capitol Walk-in Refrigerator 44'x9', 10'x10' Walk in Freezer, Hill Refrigerated Display Case 12' in Length, 2 Poseidon Lobster Tanks 8' & 4' Long, Delfield Refrigerator, Manitowoc 400 lb Ice Maker, Lang Quartz Broiler, Stainless Steel Raw Bar 5'x30", Cleveland Steamcraft Steamer, Ansel Fire Extinguishing System, Duke 5 Hole Steam Table, Wolf 4 Burner Gas Range, Stainless Steel Work Table/Shelf/Sink, Vulcan Gas Deep Fryer, Frymaster Deep Fryer, Stainless Steel Fillet Table w/Drawer, 10 30"x30" Tables, 30 Chairs, 30 Booths w/Tables, Wrapping Machine, Sweda Electronic Cash Register, 3' Food Warmer, Metal Shelving Racks, Utensils, Pans, Pelouze Scale, Admiral Refrigerator, GE Upright Freezer, Carrier 20,000BTU A/C, Sears A/C, 200lb. Ice Bin, Formica Counters, Toaster, Plasticware, Rubbermaid Trash Cans, File Cabinets, Fire Extinguishers, Other Related Equipment.

FIXTURES

Frig-King Model PHR-90-31 Rooftop Central A/C, 275 Gal. Oil Tank, Electric Hot Water Heater, 3 Steel Doors, 3 Glass Doors, Carpeting, 4' Flourescent Lights, Suspended Ceilings, Interior Doors, 600 Amp Main Panel, 200 Amp Panel, Track Lights, 10 Quartz Iodine Lights, Exit Signs, 2 Toilets, Sinks, Other Items.

NOTE: Building will be demolished, everything goes. BUYERS MUST REMOVE ALL ITEMS BY WEDNESDAY, JULY 11, 1984 AT 4:00 P.M.

AUCTION BY
SECURED PARTY

KERRY PAE AUCTIONEERS
327 N Front Street
Harrisburg, PA 17101
(717) 236-3752

LIC. NO. AU1367

PUBLIC AUCTION

OF FOUR (4) LARGE STRUCTURES

Location: Off Route 372, 4 miles West of the Buck at Muddy Run Park entrance. First farm on right, 15 miles South of Lancaster on Route 272.

TUESDAY, JULY 17, 1984

1 P.M.

25x80 harvester with Goliath unloader; 20x70 harvester with Hercules unloader; 62x14 Flurry Store, turn key with pump and agitator. Built in 1981; 30x80 Madison Stave Silo with Star Line ring drive unloader and roof. Built in 1981. Unloaders will be offered separately. 10% down. Balance 60 days or before moving.

Terms by:
JACOB R. GROFF
717-284-4796

J. Everett Kreider
AU-0512-L

PUBLIC SALE

MARY SPANGLER BROWN ESTATE

SATURDAY, JULY 14, 1984

9:00 A.M.

REAL ESTATE, ANTIQUES, HOUSEHOLD

20 S. Lancaster St., Jonestown, Pa.

2½ story frame dwelling, situated on a lot approximately 35 x 200 ft. 7 room house - 3 rooms and kitchen on first floor, 3 rooms and bath on second floor, enclosed rear porch, full basement. Oil fired base board hot water heat, aluminum siding and metal roof, city water, sewerage hook up to system. This property is in good state of repair.

Real Estate will be offered at 11:30 a.m.

PERSONAL PROPERTY - oak dry sink, two jelly cupboards, 3 piece living room suite, oak extension drop leaf table with leaves, schoolmasters desk, book case desk, 3 piece oak bedroom suite, vanity dresser, simmons bed, pine blanket chest, chest of drawers with glass knobs, wood chest with back and wood carved arm rests, three wardrobes, Minnisota tredel sewing machine, 2 camel back trunks, four cloths trees, assorted cane seat chairs, rocker and bench, pressed back chairs, five plank bottom matched chairs and rocker, oak wash stand with matching dresser, other wash stands, parlor rocker, night stands, parlor stands, platform lounge rocker, gold leaf mirror, small doll cradle, doll coach, two brass buckets, carpet, hooked throw rugs, beading, scarfs and doilys, baskets, picture frames, upright vacuum, G.E. refrigerator with freezer, May Tag wringer washer, iron stone English and German China, glass ware, large amount of cookie cutters, chocolate pot, agate ware, cast iron skillets, sad irons, kerosene night lamp, cooking utensils, small amount of hand and garden tools. Many items not listed.

For inspection of property call for appointment.

Announcing Coin Sale

MON. EVE. JULY 16, 1984

4 PM

Same location as above

300 Coins:

36 Silver Dollars ranging from 1814-1926; 72 Half Dollars, 1829-1972; 36 Quarters, 1876-1964; 100 Indian Head Pennies; 8 large Pennies, 1827-1857; 7 2 cent pcs.; Wheat Nickles; Buffalo Nicholes and Silver Dimes.

Real Estate Terms 10% down balance in 30 days

NOT RESPONSIBLE FOR ACCIDENTS
CHECKS BY APPROVAL ONLY

Terms by Adminsitratrixs'
MRS. LENA DITZLER
865-6878
MRS. MARY FIELDS
273-4728

Attorney-
PHILIP FEATHER
Ralph B. Heisey
AU-000400-L
John Cooper
AU-001332-L

Refreshments by Walmer UCC Church

Public Auction Register

Closing Date Monday, 5 00 P M of each week s publication

SAT JULY 14 9 30 AM Public Auction of Line Equipment, Trucks & Vehicles Located in Astoria, NY at the Con-Edison facility at 20th Ave & 31st St Vilsmeier Auction Co, Inc, Auctioneers

SAT JULY 14 - 10 AM Public Auction of shop equipment, tractor, wood splitter, good tools, personal property, etc Located #200 Mt Pleasant Ave, Oxford, PA 30 miles from Lancaster PA Estate of Grant, Prewitt, Whiteside and Associates, Auctioneer

SAT JULY 14 - 9 AM Public Auction of the Lititz Area Menn School Annual Benefit Sale of Quilts Located at 1050 East Newport Rd, Lititz, PA Take Rt 501 North of Lititz to Newport Rd Turn right approx 2 miles to the school on right John Stauffer, Paul E Martin & Others, Auctioneers

SAT JULY 14 - 9 AM Public Auction of Real Estate, Antiques & Household Located at 20 S Lancaster St, Jonestown, PA Mary Spangler Brown Estate Mrs Lena Ditzler & Mrs Mary Fields, Administratrixs' Ralph B Heisey & John Cooper, Auctioneers

SAT JULY 14 12 Noon Public Auction of 50 Individually selected Registered Jerseys with outstanding Production and type Located at the Fairgrounds, Troy, PA Bradford Co Roy H Watson, Owner Commission to benefit the PA Jersey Cattle Club

TUES JULY 17 - 4 PM Farmersville Auction in Farmersville, 3 mi East of Brownstown, Lancaster County, Pa John J Rutt, Auctioneers

TUES JULY 17 - 1 PM Public Auction of Four Large Structures Located off Rt 372, 4 miles west of the Buck at Muddy Run Park enterence 1st farm on right 15 miles south of Lanc on Rt 272 Jacob R Groff, Owner J Everett Kreider, Auctioneer

TUES JULY 17 & WED JULY 18 - 9 AM Public Auction of Mining Co Equipment Includes Dozers, Draglines, Loaders, Payhaulers, Drills, Crushing & Screening Plants, Scales, Engines & Transmissions Trucks, Truck Tractors & Trailers, Machine Shop, Parts & Related Equipment Located in Blossburg, PA (Morris Run, PA area), Tioga Co Follow auction arrows from Blossburg, PA (US Rt 15, 40 miles north of Williamsport, PA, 35 miles south of Corning, NY) to Morris Run, then to Pine Hill Mining Area Jones & Brague Mining Co, Owners Dick Crittenden Auction Co, Auctioneers

WED JULY 18 6 30 PM Public Auction of the Apple Valley Sheep Producers Club 2nd Annual Ram and Ewe Sale Located in Frederick Co Fairgrounds, 3 miles north of Winchester on Rt 11, Winchester VA Contact Wm S English Jr 703-662 2927 or Gary Deoms 703-662 8721

THURS JULY 19 Monthly Cow Sale at Mel Kolb Inc Maryland Farm Woodsboro, MD, ½ mile North West of Woodsboro on Rt 550 in Frederick Co

THURS JULY 19 10 AM Public Auction of Construction Equipment Located in Aston, PA at the Elser & Diviney's yard and shop facility on Pennell Rd Vilsmeier Auction Co, Inc, Auctioneers

THURS JULY 19 7 PM Public Auction of Valuable Real Estate Located near Columbia, PA Turn on south 13th St and McKonley's Service Station & Laundromat Follow 13th St Extd to end and go approx ⅓ mile to sale site in West Hempfield Twp The Board of Directors of The Engineers Social & Educational Club, Owners Jacob A Gilbert, Auctioneer

FRI JULY 20 - 5 30 PM Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

SAT JULY 21 10 AM Public Auction of clean sweep contents of welding shop equip, H/D manure feeder, sandblaster trucks, tools, machine shop items, etc Located 2 miles S of Avondale, PA ½ mile off Rt 41 on Penn Green Road 30 miles from Lancaster PA David Counts, Owner Whiteside and Associates, Auctioneers

SAT JULY 21 11 AM Public Auction of Farm Machinery & Grain Trucks Located on Cox Nec Road, just off Rts 50 & 301 2nd traffic light north of the Bay Bridge, Queen Anne Co, Chester, MD John W Legg, Owner Harry Rudnick & Sons, Inc, Auctioneers

PUBLIC AUCTION

FRICK SAW MILL & ACCESSORIES

SATURDAY, JULY 21, 1984

Sale Time 11:00 A.M.

Starting w/Big Machinery

On the premises at 1605 Fonderwhite Road, South of Lebanon. Take Route 319 Cornwall toward Schaefferstown, go North on Rexmont Rd. to Fonderwhite Rd. North to sign on left.

#0 Frick Saw Mill w/15 ft. Carriage, Steel Track, Wooden Hush & Carriage, 671 GMC Diesel Engine, 3 Blade 27" Frick Edger, TD 6 Crawler w/Winch, also TD 6 for Parts, Cut Off Saw, Saw Mill Blades, New 2 Ton Chain Hoist w/Trolley, Elect. Hoist w/Trolley, 2-11 Ft. Sects. Lumber Roll, End Trim Saw w/2 Blades, Anvil & Tools To Hammer Circle Saw Blades, 5C 30" Woods Pulley F Hub, Frick Setworks, 5C Pulleys, C Belts, New Carriage Wheel For 00 Mill Wrenches, Saw Filler, New Replacement Teeth, Extra Head Blocks For 0, 45 Ft. New Wooden Ways For 0 Mill, 10 Ft. 01 Mandrel Asst. Several 20 ft.x5/16" Log chains, 4-8x7 overhead doors, Quantity of 50 lb. bxs-16d. common nails, also 12x16 SS glass by the Box, Flat Saw Mill Pulleys & Other Mill Parts.

Conditions By
AMOS S. KING

Auct., G. Harvey Weik
Lic. #AU-000988-L
Phone (717) 949-3126

Lunch on Premises

PUBLIC SALE

From Interstate 81 South of Martinsburg, WV, Take Exit #5 (Inwood) WV, Route 51 East approximately 3½ miles to Shutt's Cash Grocery (Formerly Haines') Turn Right - .2 of a mile to sale. OR From Charles Town, WV, Take route 51 West, Go approximately 8½ miles to Shutt's Cash Grocery Turn left - .2 of a mile to sale.

WEDNESDAY, JULY 4, 1984

At 9:00 A.M.

TRACTORS AND EQUIPMENT: Approximately 20-25 tractors including Cubs, Fords, John Deere, Internationals, Fergusons, and other tractors. We will also be offering a good selection of plows, cultivators, wagons, new and used rotary cutters, 6 and 7 ft. blades, post hole diggers, discs, wood saws, rakes, balers, round balers, grain elevators, corn pickers, and other farm relating articles.

We will also be offering a good selection of NEW AND USED TOOLS — Canned goods, hams and other food items - Some household articles.

TERMS: Cash or Good Check. Nothing to be removed until settled for ID required to acquire bidding number.

Edgar A. Bohrer, Sale Mgr.
WV Lic. #18-85
304-229-8354
Clerks: Bohrer and Bohrer

NOTE: This is a consignment sale. Let us turn your unsued farm articles, household articles, and antiques into cash for you. If you are considering having an auction, please contact us. We would be pleased to serve your needs.

ORDER OF SALE: Small items - tools, household articles, food, etc. will be offered promptly at 9 a.m. Tractors and Equipment will be offered promptly at 1 p.m.

Not Responsible For Accidents on Premises
Lunch Rights Reserved

Public Auction Register

Closing Date Monday 5 00 P M
of each week's publication

SAT JULY 21 - 9 AM Public Auction of Valuable Real Estate and Personal Property Located in the village of Elm, PA just off Newport Rd at 835 Brubaker Valley Rd (near Bombergers Store) Margie Shelly, Owner E M Murry Assoc , Auctioneers

SAT JULY 21 - 11 AM Public Auction of Frick Saw Mill & Accessories Located on the premises at 1605 Fonderwhite Rd south of Lebanon Take Rt 419 Cornwall toward Schaefferstown Go north on Rexmount Rd to Fonderwhite Rd north to sign on left Amos S King, Owners G Harvey Weik, Auctioneer

SAT JULY 21 11 AM Public Auction of Real Estate A 769+ Acre "Bucktail Camping Resort" 21 Parcels from 10+ to 150+ Acres Located in Richmond Twp , Tioga Co , Mansfield, PA From Mansfield, PA (Rts US 6 & US 15) take US 6 west ¼ mile to Brooklyn St Turn right & go 1½ miles to Mann Creek Rd Turn left 1 mile to property. Bucktail Park Associates, Owners Rell Auction, Auctioneers

TUES JULY 24 4 PM Farmersville Auction in Farmersville, 3 mi East of Brownstown, Lancaster County, Pa John J Rutt, Auctioneers

TUES JULY 24 7 30 PM Public Auction of Real Estate Located 1 mile west of Sadsburyville on Wilmington Rd , West Caln Twp , Chester Co , PA From Rt 30 at Sadsburyville go north 1 mile on Wilmington Rd to property John S & Florence Stoltzfus, Owners Alvin Horning, Auctioneer Horning Farm Agency, Inc

SAWMILL AUCTION

FRIDAY, JULY 13, 1984 - 10:00 A.M.

Located in Perry County, Wheatfield Twp. at Montabello Park, from Duncannon, take 274 West to Paradise Road to right - go approx. 2 miles to first crossroads, turn right - 1 mile to Mill. From Newport, take Rt. 849 East 3 miles through Pine Grove to School House, turn right, 3 miles to Saw Mill (Watch for sale signs)

SAWMILL EQUIPMENT

- Frick 100 Saw Mill with 20 ft. Carriage
- Atcagin Saw - 52" blade- 42 teeth (2nd set of holders in saw)
- Trojan Rubber tired 4-wheel Drive front-end Loader with forklift and material bucket - Chevy V8 Motor - Works Good
- Cutoff Saw with 3 h.p. elec. motor
- 2 Lumber Carts; 300 ft. 3 inch Cart Track
- Air Compressor with 150 pressure capacity
- New 20 Ton Winch with cable - Never Used
- 30 ft. 6x12 inch I Beam
- 10 Ton Winch - Mounted on old truck Chassis (Sold Separately)
- New Power Steering Unit for Front-end Loader
- Stihl Chain Saw with 25 inch Bar
- Sawdust Drag & Chain
- Mellot Hydraulic Log Turner
- Mellot Elec. Log Cleaner
- Detroit 471 4 cyl. Diesel Power Unit with Ext. Pully - runs good- less than 5000 hrs.
- Frick 27 inch Edger with new holders in Saws.
- 330 ft. of Heavy Duty Rolls
- Slab Wood Straping Box
- 3 Extra 52 and 48 inch Saws
- Shallow Well Water System
- Forney Elec. Welder - large chain Hoist
- Asst. of Extra Long V Belts
- New Water Pump for Detroit 471
- Stihl 041 Chain Saw
- Pile of Scrap Parts and Misc. Items.
- Could be a Small amount of Sawed Lumber!

"Also, an assortment of Good Tools and Misc. Items used around the Saw Mill"
Mill Can Be Moved
or ground that it sits on Can be rented for $250.00 per year.

Not Responsible for Accidents. **I.D. Required for Bidder's No.**
Lunch Truck

MELVIN G. LANDIS, OWNER
(717) 567-6570

Sale Managed By:

AUCTION SERVICE KLING'S
R D 1, Landisburg, PA 17040
tel 717-789-3883

PUBLIC AUCTION

J&P AUCTIONS

3.28 ACRE COUNTRY PROPERTY
SATURDAY, JULY 7, 1984
Auction Time: 2:00 P.M.

LOCATED Between Lebanon and Reading at Myerstown. Take Route 645 North from Route 422, 2 miles, to Rosebud Road. Turn left, proceed 2½ miles to property on Right. Jackson Township, Lebanon County, Pa.

HOLLAND STONE RANCHER

CONTAINING: Large eat-in kitchen with built-in cabinets; living room with built-in bookcase; 1½ baths; laundry room; sewing room; 3 bedrooms with closets on main floor. 4th bedroom in basement.

ELECTRIC HEAT in ceiling with thermostat in each room; wood stove hookup; oil fired hot water heater, and tank; well with pressure system. Cement basement with garage area and cold cellar; plastered walls; attic ventilating fan; lot of closets; wall to wall carpet; water conditioner; underground fuel tank.

LOT SIZE: 742 feet of frontage with 3.28 total acreage.

BE SURE to see this fine country property at OPEN HOUSE - Saturday, June 23 and June 30 from 12:00 Noon to 3:30 p.m. or call 717-866-6008 for appointment.

TERMS: 10% Down day of Auction, balance at Settlement in approx. 45 days. Herin information believed to be accurate but is used for advertising purposes only.

Also selling 10'x14' storage shed and seasoned firewood.

AUCTION BY:
CLARENCE B. & KATHRYN G. MARTIN
Henry Steiner, Attorney
Auction Conducted By:
Paul E. Martin, Auct. AU-001601-L, Ephrata, Pa.
717-733-3511
John D. Stauffer, Auct. AU-001509-L, Lititz, Pa.
717-665-5099 .

PUBLIC AUCTION

VALUABLE REAL ESTATE and PERSONAL PROPERTY
SATURDAY, JULY 21, 1984
9:00 A.M.
Real Estate 11:00 A.M.

Located in the village of Elm, Pa. Just off Newport Road at 835 Brubaker Valley Road (near Bombergers Store).

Real Estate: 3 acres M/L Elizabeth Township farmette with large frame constructed farm house, small barn, tobacco shed and storage shed, farm house has kitchen, laundry, diningroom, two livingrooms, large hall entrance, two bathrooms, five bedrooms, closets and other storage, spacious attic, automatic heating system.

PROPERTY INSPECTION:
June 30
1:00 P.M. to 3:00 P.M.
or call 626-6191

Personal Property: Folk Art Wooden Arrow Weathervane, Lehn type wood turnings, Brunnerville pump trough, blue edge Leeds bowl, blue decorated Leeds teapot (no lid), Queens Rose cup and saucer, split oak baskets, tin fat lamp fillers, A.K. Kauffman shaking fork, Mary Gregory tumbler, Majolica plates, half bushel measure, wooden toys, hand carved cane, braided rugs, quilts, quilt tops, linens, redware jug, Cowden decorated jug, Weller vase, dough tray, childs rocker, Victorian corner shelf with carved doghead, pressed glass, 1910 calendar plate, glass basket, saddlers bench, brass cuspidor, oil lamp, tin ice cream dipper, Johann Haviland Bavaria Germany china set of dishes, Azalea Nippon mayonaisse set, Shearton bow front bureau, cottage dresser, rope bed, high chair, wash stand, oak wash stand, half round table, trunks, youth bed, kitchen cabinet, walnut dropleaf ext. table, plank chairs, low dry sink, blanket chest, sewing stand, treadle sewing machine, oak chest of drawers, Victorian one drawer table, Victorian parlor table, cane seat rocker, walnut drop leaf table, clothes tree, round oak china closet with claw feet, modern hutch cupboard, tea cart and dry sink dinette set, color zenith T.V., coffee magic, everyday cookware and kitchen items, Frigidaire refrigerator, Kelvinator, "20 chest type freezer, metal cabinets, lawn chairs, electric sewing machine, electric range, two section spring harrow, potato plow, tobacco lath, sizing boxes, tobacco presses, split fence rails, saws and various other hand tools, wooden wheel barrow, iron kettles, wooden rakes, corn sheller, benches, grain cradle, wide planks, butcher bench, wash boiler, power mower and parts, garden tiller, aluminum ext. ladder, garden tools, coffee grinder, farm show ribbons, lanterns, Manheim 1912 old Home Week book, Winchester mod. 50 semi automatic 12 ga. shot gun, hand carved cow and calf, wooden egg crate, santa doll, ceiling lamps and other items of value not listed.

Auction By
MARGIE SHELLY
E. M. Murry Associates
Auctioneers
626-2636
626-8175

E. M. Murry Associates
287 Lime Rock Road
Lititz, PA 17543
Elmer Murry 626-5244 626 2636
Richard Murry 626 8175 949 2280
Ken Miller 665 2073
Professional Auctioneers
Appraisers and Advisors
Since 1953

PUBLIC AUCTION

FARM EQUIP., TOOLS & TRUCK
SATURDAY, JULY 7, 1984
10 A.M.

Located off rt. 93, Conyngham Valley, 2 mi. N. of Hazelton, known as the Albert Yenchick farm, Sugarloaf Twp. WATCH FOR SALE SIGNS.

AC-WD 45 tractor - auto. wheel set & wts. - fully equip. - wide front end - 2 row cultivators for same, AC-D14 tractor auto. set & wts. - fully equip., Iron Age 2 row transplanter on rubber w/water attach., 1 row transplanter w/water attach., Farquahr 2 row potatoe planter on rubber, Oliver 2 row level bed PTO potato digger on rubber, Farquahr 10 row 400 gal. wooden tank orchard & potato sprayer, Little Genius Int. 2 gang trailer plow, Oliver 3 gang trailer plow on rubber, 3 point 5' rotary mower- 7' Olsen flail roto beater on rubber, Ezee flow insecticide unit, Int. 2 row corn planter, 3 sec. spring tooth harrow, Hardee sprayer pump, Trexler elec. potato cutter, potato grader, pull type weeder, 2 wheel trailer chassie, spray hoses, clover seeders, pruning tools, bu. crates & baskets, hyd. truck & fl. jacks, bench grinders, pipe & bench vises, large anvil, bag truck, tools, log chains, pulleys, bars, shovels, picks, etc.

1969 ¾ T. 14' Van Walk-In Market truck (good cond.) 1946 Chev. flat bed farm truck.

Sale by
MRS. ALBERT YENCHICK
Curt, Doug, Tim Hoser Aucts.
717-386-5631 or 2191 & 215-799-2396

ESTATE SALE

OF REAL ESTATE, FARM MACHINERY & FAIR STOCK
SATURDAY, JULY 14, 1984
12 Noon Sharp

The undersigned, administrator of the Estate of Harvey J. Stake, deceased, will sell at the farm, located 47 miles west of Harrisburg, and 1.2 miles from Port Royal, Juniata County, Pa., real estate, farm machinery and fair stock.

Farm is located in Milford Township, Junita County. Take Route 333 West from Port Royal, turn on Lions Club Park Road (LR34063), 7/10 of a mile to sale.

REAL ESTATE TO BE SOLD AT 1 P.M. SHARP

TRACT NUMBER 1: Known as the Harvey Stake farm, 90 acres more or less, majority tillable. With two story frame house and outbuildings, most in need of repair. Stream runs through northwest corner of property.

The property borders the Tuscarora Creek on the south side and hard top road on the other. Farm has been idle for some time, but has the potential for some of the best producing land in the area.

TRACT NUMBER 2: 36.50 acres woodland, 217.8 feet hard road frontage.

TRACT NUMBER 3: 36.51 acres woodland, 60 feet hard road frontage.

PLEASE NOTE: Both Tracts 2 and 3 contain good average amount of saw timer and good young growth of timber. No timber has been cut off either tract since the late 1950s. Located on the Herringbone Ridge, both tracts have excellent hunting locations. Recent survey of woodland.

TERMS OF REAL ESTATE: Tract 1 will be offered as one unit. Tracts 2 and 3 will be offered separately and then together, making a total fo 73.1 acres.

Tract Number 1: 10% down at knock off, balance in 30 days.

Tracts 2 and 3: 20% down at knock off, balance in 30 days. Other terms day of sale.

FOR INSPECTION: For appointment to inspect real estate, contact auctioneer or call 717-527-2381 or 527-4584.

Two Shares of Juniata County Agricultural Society Stock will be sold immediately BEFORE Real Estate.

FARM MACHINERY & RELATED ITEMS 12:00 NOON

Estate of
HARVEY J. STAKE, Deceased
Darwin Kohler, Adm.
Steven V. Manbeck, Atty.
Lyters, Clerks
Bryan D. Imes, Auctioneer
R.D.2, Port Royal, Pa. 17082
Phone: 717-527-2449 or 527-4687
AU No. 001656-L LUNCH
NOT RESPONSIBLE FOR ACCIDENTS

Public Auction Register

THURS JULY 26 10 AM Public Auction of Well Drilling Equipment Located in Dublin, PA at Sam Moyer's shop facility in Dublin Vilsmeier Auction Co, Inc, Auctioneers

THURS JULY 26 12 Noon 8th Annual Yankee Syndicate Sale of 50 production bred Jerseys Located at the Fair Weather Farm, New Lebanon New York

THURS JULY 26 1 PM Public Auction of 31 Head of High Grade Holstein Heifers all bred for summer and fall freshening Also 55 ton ear corn Located 4 miles northwest of Oxford, PA on GlenRoy Rd Frank & Jettie Mills, Owners Steve Petersheim, Auctioneer

FRI JULY 27 7 00 PM Dairy Sale Located at Penns Valley Livestock Auction, Centre Hall, PA Scott L Yocum and Ron Gilligan, Auctioneers

FRI JULY 27 7 PM Public Auction of Bred and Open Gilts and Boars Located at the Lebanon Fairgrounds, Lebanon, PA PA Duroc and Yorkshire Association, Owners Harry Bachman, Auctioneer

FRI JULY 27 - 5 30 PM Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge Ira Stoltzfus & Son, Auctioneers

FRI JULY 27 & SAT JULY 28 9 AM Public Auction of Old and Rare Antiques, Household Goods, Car, Guns and Real Estate Located midway between State College and Huntingdon, PA on Rt 26 at McAlevys Fort, PA Mrs Wm Miller and Pearl N Smith, Estate Penn Central Nat'l Bank, Executor Mark Glick, Auctioneer

SAT JULY 28 9 AM Public Auction of 20 Bucket Trucks, Line Equipment & Several Vehicles Located in Jackson, Michigan at 2917 Wildwood Ave The Consumers Power Co, Owners Vilsmeier Auction Co, Inc, Auctioneers

100-200 HEAD SPECIAL HORSE SALE DRIVING & WORK HORSES

FRIDAY NIGHT, JULY 6, 1984

Tack 6:00 P.M.
Sale 7:00 P.M.
Horses Hitched at 12 Noon

AT NEW HOLLAND SALES STABLES, INC.

12 Miles East of Lancaster, Pa. just off Rt. 23, New Holland, Pa.

1 Load Standardbred Driving and Work Horses consigned by Ward Wright.
1 Load Standardbred Driving Horses consigned by Levi B. Stoltzfus.
1 Load Standardbred Driving Horses consigned by Jonas Beiler.
1 Load Standardbred Driving Horses consigned by Clayton Waterbury.
1 Load Standardbred Driving Horses consigned by Reuben G. Stoltzfus.
1 Load Standardbred Driving Horses consigned by Elam B. Stoltzfus.
1 Load Standardbred Driving Horses consigned by Bud Leonard.
1 Load Driving Horses consigned by Kori Yoder.
Plus many more consignments.

For more information contact:

Abe Diffenbach, Mgr. 717-354-4341
Norman Kolb 717-397-5538

EVENING DAIRY SALE

THURSDAY EVE., JULY 12, 1984

7:30 P.M.

Selling at Kling's Sale Barn, located 2½ miles N.E. of Landisburg, Perry Co., Pa., 15 miles North of Carlisle on Rt. 74:

70 HEAD HOLSTEINS

20 Registered Canadian Fresh & Close Cows and First-Calf Heifers-Some that are milking up to 80 lbs./day.
Several Top Northern Pa. cows that will be fresh by sale date-Several of these are registered. A Top group of Grade first-calf heifers that are due for July and August.
Also selling for F.H.A.-14 Cows from Franklin County-DHIA Records-All Stages of Lactation. Some Local Consignments.
"This is as good a group of cattle that I have had to sell at our regular sales. V.A.K.

Owner,
V. ART KLING
R.D. 1, Box 66
Landisburg, Pa. 17040
717-789-3883

Dairy and Livestock Sales

TUES JULY 31 4 PM Farmersville Auction in Farmersville, 3 mi East of Brownstown, Lancaster County, Pa John J Rutt Auctioneers

AUG

THURS AUG 2 - Monthly Cow Sale at Mel Kolb, Inc Lancaster Farm, 2220 Dairy Road, Lancaster, PA

THURS AUG 2 9 AM, Public Auction of Steam Engines, Marine Gas Engines, Antique Farm Machinery, Six Peerless Saw Mills and Steam Equipment Accessories Located in Centreville, MD Robert & Miriam Dean, Owners Col Ross Rhodes, Auctioneer

SAT AUG 4 10 AM Public Auction of Valuable 8 3 Acre Farmette, Construction Equipment, Antique Trucks & Car, Horses & Tack, & Household Goods Located on Rt 472 south of Quarryville, 6 miles to Maple Shade Rd Turn East 1 mile or from Oxford go north 6 miles on Rt 472 to Maple Shade Rd Turn east 1 mile Nelson H Rader, Owner Lloyd Kreider, Randal Kline, Roy Good & Gary Shirk, Auctioneers

THURS AUG 9 - Public Auction of Complete Purebred Dispersal for Cedarcrest Vu (Don Eastburn Family) to be held at Mel Kolb, Inc 2220 Dairy Road West of Lancaster on Dairy Road, Take Rt 283 west of Lancaster, exit beyond ABC Stud Barns at Flory Mill Rd turn left after exiting, go to Mill, then sharp right under railroad bridge Barn is within sight of Rt 283

FRI AUG 10 9 AM Farm Machinery Sale at New Holland Sales Stables, Inc 12 miles east of Lancaster off Rt 23 in New Holland, Pa Abe Diffenbach, Manager

COUNTRY REAL ESTATE AT ESTATE SALE

WEEKEND RETREAT OR PERMANENT HOME

FRIDAY EVE., JULY 13, 1984

6 room frame dwelling on 1 1/3 acres. 174 ft. river frontage & 174 ft. road frontage. Excellent fishing & boating from a beautiful lawn full of mature trees, roofed pavilion w/fireplace. Must see to appreciate.

For more info or brochure, contact:

Long's Auctioneering Service
RD #1, Port Royal, Pa. 17082
Ph. 717-527-2405 or 2364

PUBLIC SALE

OF ANTIQUES, FURNITURE, AND HOUSEHOLD GOODS

EPHRATA

WEDNESDAY, JULY 4, 1984

AT 9 A.M.
GUNS 12 NOON
Located at 436 North State St., Ephrata, Pa.

Antique Reed Baby Carriage with Parasol; Reed Baby Coach (Hood); Cane Seat Rockers & Chairs; Nursing Rockers; Pathe Victrola; Antique Mirrors; Jelly Cupboard; Pedestal Stand; Yard Swing; Drop Leaf Table; 16 cu. ft. G.E. Refrigerator; Wooden Chifferobe; Slant Top Desk (Claw & Ball Feet); Iron Bed & Crib; Desk; Church Benches; School Desks; Spool Table; Antique Copper Easy Wash Machine; Copper Boiler; Large Pot Bellied Stove; (Better-n-Ben's Fireplace Insert); Trunks; Library Table; Coffee Grinder; Yard Windmill; National Brass Cash Register (1888); Charcoal & Other Antique Irons; Wall Cupboards; Steeple Clock; Gingerbread Mantel Clock; Clothes Trees; Coal Buckets.

LARGE COLLECTION BASKETS — Egg, Market & many others; CROCKS — some with blue markings; Jugs; Redware; many Pictures & Frames - "Duty Calls'; 1887 MAP OF EPHRATA — N. Currier (Washington) & others; Early Township Maps; "Lincoln" Picture; Atlas of Lancaster; Cherry Seeder; Apple Peeler; lots of Agate — Tea Pots; Milk Pails; Pitchers; Measures; Kerosene Lamps; Long Reverse Painting (Keith Farm); 1876 Centennial Berks Co. Atlas; MANY LOCAL POST CARDS; Local School & Ephrata Pictures & Commencement Programs; Post Card Albums (local); Taufscheins; Jay McVey Limited Edition Prints (signed); Indian Papoose & other Indian Items.

Singer Match Box & other items; Cookie Cutters; Wooden Egg Beater; Iron Crimper Set; Brass Kettle; Brass Spittoon & Pie Crimper; Wooden Tubs; Rolling Pins; Pie Paddles; Ladles, etc., Porch Rockers, "Rettew" Milk Bottle (Ephrata); Urns from Hotel Cocalico & other items; Balance Scales & Weights; MANY OLD BOOKS — Mark Twain; German Luther Bible; Old Family Bible; $10.00 Ephrata National Bank Note signed by J. Harry Hibshman; Iron Frogs; Iron Banks & Collector Banks; Iron Trivets; 78 RPM Records; Coal Scuttle; Photo Equipment; Auto Harp

CHINA & GLASSWARE

FIESTA WARE (Large Collection including Lazy Susan; Salad Bowl (Spoon & Fork); Depression Glass; Ruby Red Crystal; Souvenir of Ephrata, Gettysburg, Reading; Ironstone Dishes; Calendar Plates; Master Salts; Ink Wells; Pressed & Pattern Glass; Pitchers; Moon & Star; Salts; Compotes; Baskets; Cake Stands; Egg Dishes; Stemware; Occupied Japan Items; many Salt & Peppers; Set of Golden (Flat Ware); Pewter Pitchers; Creamers; Platters; Servers; Pitchers; Vaseline Glassware; Perfume Bottles; Berry Set; Nippon China; Chocolate Pot; Majolica China; Chicken on Nest; Willow Ware; Figurines.

LINENS — Horse Blankets; Antique Clothing; Boots; Derbys; Top Hats in leather boxes; Ladies High Top Shoes; Celluloid Combs; Shirley Temple Doll (in box); many other Dolls; Doll Clothes; Shirley Temple Items; Doll Furniture; Charlie McCarthy Dummies; Campaign & other Buttons; TOYS — Pedal Toys; Tin Trucks; Antique Sled; Express Wagon; GUNS — Remington Roll Block Rifle; Model 948 Stevens Shotgun; Double Barreled Muzzle Loader; Air Rifle; Powder Horns; Shot Holders; Brass Ship Bell; Brass Sheep Belt; Brass Sleigh Bells; Shaft Bells; Brass Hand Bells.

TOOLS — Wooden Wheelbarrow; Cigar Molds; Straw Cutters; Wheat Cradles; Scotts Mower; Axes; Hand Saws; Wooden Rakes; many Hand Tools; Fed Chest (Steffy); Iron Troughs; Wooden Barrels; Ice Tongs; Long Handle Waffle Iron; M.S. Young Shaking Fork; Single Trees; Stretcher; Horse Items; Shoe Last; Template (Fairview Mills); Stohler Broad Axes; Post Hole Axes; "W. BEATTY" Broad Ax; Antique Tools; Balance Scales; Fireplace Tools; Iron Kettles; Sandstone Carriage Steps; Apple Butter Stirrer; Antique Hinges; Lanterns; Leaded Glass

Terms By
DAVID G. HORNBERGER
DOROTHY L. HORNBERGER

T. Glenn Horst, Auct.
Timothy G. Horst, Auct., 738-1245
AU000438L & AU001767L

HOLSTEIN AUCTION

SMITH-MEAD FARM

At the farm located along New Design Road 1½ miles southeast of Frederick, in Frederick Co., Md. Take the exit at 76 Truck Stop off I-70 and follow sale signs.

MONDAY, JULY 2, 1984

11:00 A.M.

132 HEAD OF HOLSTEINS

130 Registered - 2 I.D. Grades
80 Cows - 52 Heifers of All Ages
Tested for Interstate Shipment
Pregnancy Checked

EXCELLENT PRODUCTION

Rolling Herd Average: 17,302M 3.8% 650F
28 Cows selling have 20,000M to 30,000M
A number due before sale and many due September and October.
Plenty of base milk!

YOU'LL LIKE THE TYPE

Scored last August with 109.6 BAA
Maryland's highest BAA herd!
Every cow selling that has been scored is either EX or VG except 7 Good Plus cows.
35 selling from EX dams. 105 selling from EX or VG dams.

FANCY SHOW PROSPECTS

Several fancy 2-yr olds, a Pete 3-yr old that could show anywhere, outstanding heifers for all classes with pedigree to match. These heifers are an exceptional group and include some by Columbus and Tony.

THE GRADES

Two fantastic I.D. grades - selling fresh!

Note: This offering combines full deep pedigrees with top production and sensational type.

TERMS: Cash or Good Check. Sale in Tent.

OWNER
GEORGE WILLIAM SMITH III
5504 New Design Road
Frederick, Md. 21701
Ph. 301-663-9006

For catalogs write or call:
George William Smith
12337 Legore Road
New Midway, Md. 21775
Ph. 301-845-8815

A. Doty Remsburg - P.O. Box 177
Jefferson, Md. 21755
Ph. 301-473-8214

REAL ESTATE AT

PUBLIC SALE

SATURDAY, JULY 7, 1984

1:00 P.M.

Property is located in Lack Township, Juniata County, Pa., along Route 35, 60 miles west of Harrisburg.

Property consists of 70 acres, more or less, known as the William Owens farm. Tract is located between Reeds Gap and Cross Keys, about 20 miles south of Mifflin, or 17 miles north of Shade Gap.

Situated on both sides of Pennsylvania Route 35, the property includes both farmland and woodland. Stream runs through the property. A substantial amount of good timber, including stands of some black walnut. Timber has not been cut since the early 1930s. Excellent hunting area.

TERMS OF SALE: Twenty percent (20%) of the purchase price is payable upon acceptance of the bid. The balance of the purchase price shall be payable 30 days thereafter, upon delivery of a valid deed, conveying good and marketable title to the premises. The seller will pay half of all realty transfer taxes imposed on the conveyance. All remaining transfer taxes and costs shall be paid by the buyer.

The undersigned reserves the right to reject any or all bids and to impose additional terms and conditions prior to the bidding.

Additional information may be obtained by contacting the undersigned:

Estate of
WILLIAM B. OWENS
Arline A. Sherman, Administratix d.b.n.
26321 Horse Valley Road
East Waterford, Pa. 17021
Phone: 717-349-7419

For Inspection of Real Estate Contact:
Bryan D. Imes, Auctioneer
R.D.2, Port Royal, Pa. 17082
Phone: 717-527-2449 or 527-4687
AU No. 001656-L

R. Merle Heffner, Esq., Atty.
113 Fourth Street
Huntingdon, Pa. 16652
Phone: 814-643-3550
Not Responsible for Accidents

Dairy and Livestock Sales

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

SMOKEY HILL PRODUCTION SALE

SATURDAY, JULY 14, 1984
12:00 Noon
Fairgrounds, Troy, Pa.
Bradford County

Selling 50 Individually Selected Registered Jerseys with Outstanding Production and Type.

Featuring:

** A "Saint" due in August with: VG-86% 1-11 297 12,998 4.3% 564.
** A 3 year old "Trademark" with an Ex-90 dam and a 5.7% test.
** A VG-84% "Brave Soldier" fresh since May with: 1-11 305 12,210 5.2% 632.
** A two year old "Generator" bred to "Magic of Ogston" just fresh and testing 5.2%.
** A "Saint" with an Ex-90 dam and projected to: 12,434M 5.5% 611F 394P actual.
** Two "Chocolate Soldier" twins just fresh as two year olds and scored very good, will be offered buyers choice.
** A Vg-86% "Jeweler" and her "Top Brass" daugher.
** A Vg-86% Baronet with: 4-01 305 14,720 5.3% 777.
** A Vg-86% "Generator".

PLUS MANY MORE OUTSTANDING COWS OF THIS BREED

The pedigrees of these animals match their production.

Foundation sires include: Milestones Generator, Quicksilver, Trademark, Chocolate Soldier, and Marlu Milestone.

Service Sires include: Top Brass, Magic of Ogston, and Favorite Saint.

REQUEST CATALOGS FROM:
Craig Rhein
Rt.2, Box 370, Pine Grove, Pa.
717-345-3383

Sold by
ROY H. WATSON, Owner
Commission to Benefit
The Pennsylvania Jersey Cattle Club

FRI AUG 10 1 30 PM Public Auction of State Grade Consignor Feeder Pig Sale Located at the Carlisle Livestock Market, Inc

FRI AUGUST 10 5 30 PM Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lan caster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auc tioneers

SAT AUG 11 12 30 PM Herd Dispersal of 55 Head located 2 miles nor theast of Bernville off Shartlesville Road, east on Irish Creek Road, 1 mile to first farm on left, 4 miles south of Shartlesville, 4 miles west of Centerport, Berks Co Wilbur and Pauline Hartranft, Owners, Paul Snyder and Alvin Horning, Auctioneers

THURS AUG 16 - Mon thly Cow Sale at Mel Kolb, Inc , Maryland Farm, Woodsboro, MD, ½ mile North West of Woodsboro on Rt 550 in Frederick Co

FRI AUGUST 17 5 30 PM Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lan caster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auc tioneers

SAT AUG 18 - 12 Noon Public Auction of the 5th Annual Prince Plaudit Production Sale of Ap paloosa Horses Located in Strattanville, PA Rim Wolk Farm, Dave Stahlman, Owner Davis & Templeton, Auctioneers

SAT AUG 18 9 AM Public Auction of the 16th Annual Community Sale Selling Farm Equipment, Household & Antiques Located at Leesport Auc tion Grounds, Rt 61 N of Reading, PA Sponsored by the Berks Co Ponoma Grange 7 Auctioneers

FRI AUG 24 7 00 PM Dairy Sale Located at Penns Valley Livestock Auction, Centre Hall, PA Scott L Yocum and Ron Gilligan, Auctioneers

FRI AUG 24 7 PM Public Auction of the Lebanon Co Holstein Club Annual Holstein Sale Located at the Lebanon Area Fairgrounds, Lebanon, PA Harry H Bachman, Auctioneer

FRI AUGUST 24 - 5 30 PM Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lan caster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auc tioneers

SEPT.

THURS SEPT 6 - Monthly Cow Sale at Mel Kolb, Inc Lancaster Farm, 2220 Dairy Road, Lancaster, PA

FRI SEPT 7 7 00 P M Holstein Promotional Sale at New Holland Sales Stables, Inc 12 miles East of Lancaster off Rt 23 in New Holland, PA Abe Dif fenbach, Manager

FRI SEPT 7 7 PM Public Auction of a Holstein Pro motion Sale Located at New Holland Sales Stables, Inc 12 miles East of Lancaster, off Rt 23 Abe Diffenbach & Norman Kolb, Auctioneers

FRI SEPT 7 - 9 AM Public Auction of all kinds of Machinery on Consign ment Located at the Belleville Livestock Market, Belleville, PA Belleville Livestock Market, Owners Mark Glick Auctioneer

TUES SEPT 11 7 PM Public Sale of Feeder Cat tle and Feeder Pigs at Carlisle Livestock Market exit 12 off I 81, 717-249-4511

FRI SEPT 14 1 30 PM Public Auction of State Grade Consignor Feeder Pig Sale Located at the Carlisle Livestock Market, Inc

AUCTION

WED. EVE. JULY 11, 1984
7 PM

REAL ESTATE

Location: Rothsville Road from Route 272, ½ mile, turn right, Rettew Mill Road, ¼ mile across covered bridge. First house and barn on left at 983 Rettew Mill Road, Ephrata Twp., Lancaster Co., PA.

REAL ESTATE

2.7 plus acres of ground; 1½ story, 7 room frame house with both oil burning/hot water heating system. Full concrete basement with qutside entrance. Large bank barn with box stalls for horses. 3 car garage, metal tool shed, 2 wells on property, septic system. Zoned commercial.

Inspection: Friday, June 29 from 4-7 PM
Sale at 7 PM

Owners,
ELPEE LTD.

Auctioneer,
Abe Diffenbach
225-L

SPECIAL HOLSTEIN DAIRY SALE

TUESDAY, JULY 10, 1984 8 P.M. D.S.T.
To be held at Smoketown Quality Dairy Sales
Smoketown, Pa., Rte. 340
5 Mile East of Lancaster, 5 Mile West of Intercourse

Fancy Reg. Heifer - 3 yr. old Arlinda Cinnamon +1761m +48F. 10,000-11,000m. DAM- Conductor. Bred to Elevation Toney +1962m +52F.

Reg.- Born 10-9-83 (Twins)
Sire- Dairymen +1769 PDM +1.84 PDT +633TPI
DAM- Straight-Pine Elevation Pete G.P. 83 pts. 2 yr.

Gr. Born- 6-26-83 Sire- Sooner (A.B.S.)
DAM- Job Daughter 2yr 301 13,365m 3.7% 495

Two Reg. Holstein Bull's- Ready for Service.
Sire- Round Oak Rag Apple Elevation-Son Born 1-29-83
DAM- V.G. 86 Rosemere Fury Ivan 18,221m. 2 record over 20,000m. 695-718F.

Sire- Bell Son- Born 2-28-83
DAM- V.G. 87 Wintherthur Ivanhoe Eden Select 21,837m. 778F, 22,920m. 753F.
Gr Dam- Tidy Burke Jerry G.P. 83 23,470m. 827F.

Load of Fresh and Springing Heifers.

Load of Reg. and Grade Cows and Heifer's Out of New England States. Twelve From One Herd Dispersal Milking 60-80 Lbs. Good Uddered & Young Cows. Consigned by Johnny Jr.

Cows Milked at Regular Time
Cash or Good Check Night of Sale

Sale by
SMOKETOWN QUALITY DAIRY SALES, INC.
Gordon & Helen Fritz
717-393-0930
Carl Diller- Paul Snyder, Auctioneers-AU000873-L
Henry Kettering, Pedigrees

SECOND ANNUAL CUMBERLAND VALLEY JERSEY BREEDERS SALE

WEDNESDAY, JULY 4, 1984
12:30 P.M.
Shippensburg Fairgrounds, Shippensburg, Pa.

36 Registered Jersey Cows and Bred Heifers - All either recently fresh or due this summer and fall. Consigned by breeders in Pennsylvania and neighboring states. Many popular AI sires and promising young sires featured.

Every day more markets are paying their producers a protein bonus - be ready - take this opportunity to add more PROTEIN to your tank as well as increased butterfat test.

John and Amy Vanderstappen, Greenville, Pa.: Young cow out of Briarcliffs Oracle with over 5.0% BF and 3.9% Protein test, her dam Excellent with over 16,000 milk and 700 ft.

Thomas Wivell, Mansfield, Pa: Mercury daughter, her dam has over 14,000 lbs. milk.

John and Ginger Myers, Littlestown, Pa.: Bred heifer by Irish Creek General Grit, dam Very Good Earl daughter with 5.0% test.

Robert Ulrich, Jr., Quarryville, Pa.: Two bred heifers, one due to Sandblow Warrior with a dam over 600 lbs. fat as a 2 yr. old, the other is bred to Mayfield Volunteer and her dam has over 13,000 lbs. milk and 600 lbs. fat.

Ogston Farm, Columbus, NJ: Bred heifer due in July; dam is a Generator with over 17,000 lbs. milk.

Bill and Susan Dietrich, Newburg, Pa.: Bred heifer with dam and granddam Very Good; both have 3.8% protein test.

Waverly Farm, Clearbrook, Va.: Three year old due in August, her dam is a Very Good Generator with over 14,000 lbs. milk and 600 lbs. fat.

David and Robin Phillips, Mohrsville, Pa.: Two bred heifers, one an Earl daughter with a dam testing 5.5% fat with 4.2% protein; the other a Celias Master, her dam tests over 5.0% F and 4.1% P.

James and Louise Beyer, Doylestown, Pa.: Bred heifer by Shadewell Fascinator, her dam projected to 12,842 M, 724 F with a 4.0% protein test.

Tom Williams, Middletown, Pa.: Quicksilver Noble daughter, her dam a Secret Baronet with over 12,000 M, 5.0% F, 3.7% protein test.

Clifford Stiles, Toms Brook, Va.: Bred heifer out of Jodys Noble Surville, her dam a VG 84 Advancer Sleeping Milestone.

Ernest & David Norman, Liberty, Pa.: Three yr. old due in September with 5.3% fat and 4.4% protein, her dam also over 5.0% F and 4.0% P; also a high testing 4 Yr. old, her dam has up to 5.7% fat test.

John McConnell, Volant, Pa.: Young cow due August 4 with over 11,000 lbs. milk, 582 fat with a 4.3% protein test.

Vantage Jerseys, Fredonia, Pa.: A Very Good young cow with 11,690 M 5.4% 627 F at 3-11 with a 4.0% Protein test.

Thomas Arrowsmith, Peach Bottom, Pa.: Two yr. old Deni Milestone out of a Forest Midnight, granddam over 15,000 lbs. milk.

George & Doris Hough, Peach Bottom, Pa.: Bred heifer out of Sample Generator, Granddam has over 13,000 lbs. milk.

David and Florence Robinson, Waynesboro, Pa.: Young cow by Quicksilver Golden Lad with a 5.5% fat test, 3.9% protein test; also three bred heifers one is due to top Brass, one has Generator dam with 9 records over 5.0% fat test and 3.9% protein test, and one by Celias Master bred to Master Milestone C.

Helen McCahon, Downington, Pa.: Show winning bred heifer by Advancer Sleeping Milestone, dam and granddam Very Good.

Patty Jenkins, Toughkenamon, Pa.: Two bred heifers, one by Advancer Sleeping Milestone, dam by Samson with 5.5% fat test and 3.8% protein test; the other a Favorite Saint due in September to Stardust Gemini.

Robert & Helene Dreisbach, Hamburg, Pa.: Two bred heifers, one by Favorite Secret Triumph and out of a good testing Frederick cow, the other by Lotus Duke, her dam is Very Good with almost 15,000 lbs. milk.

Robert Eick, Columbia Cross Roads, Pa.: Fresh cow sired by Finalist of Marlu, dam has over 11,000 lbs. milk.

William Eick, Columbia Cross Roads, Pa.: Fresh 2 Yr. old by Celias Master, dam has over 12,000 lbs. milk and 600 fat; also a Very Good four year old with first two records over 11,000 lbs. milk, 4.8% F, 3.9% P, dam has over 700 lbs. fat with 4.1% protein.

Mildred Seeds, Downingtown, Pa.: Two yr. old Samson with over 10,000 lbs. milk at 1-10, dam a show winning Advancer Sleeping Milestone.

William Swingle, Canton, Pa.: Four yr. old cow due October 4, made 11,000 lbs. milk as a 2 yr. old.

Toffee Syndicate, Chambersburg, Pa.: Four yr. old cow with a 5.8% test, also her Master Milestone C daughter due in September to Favorite Saint.

Be sure your Fourth of July plans include attending this sale!
Free lunch and Jersey hospitality available at sale!

For catalogs, contact: Bill Dietrich
R.D. #1, Box 229
Newburg, Pa. 17240
Ph. 717-423-6758

Ralph Horst, Auctioneer
#AU-000437L

Dairy and Livestock Sales

Public Auction Register

Closing Date - Monday, 5 00 P M
of each week's publication

SALE EVERY TUESDAY
Graded Sale
1st Tuesday each month
2 P.M.
Horse Auction
2nd Saturday each month
1 P.M

FAUQUIER LIVESTOCK EXCHANGE
Marshall, Va
703-364-1566

FRI SEPT 14 - 7 PM Public Auction of the District Relief Heifer Sale for the Church of the Brethren Located at the Lebanon Fairgrounds, Lebanon, PA Claire Kreider, Manager

THURS. SEPT. 20 - Monthly Cow Sale at Mel Kolb, Inc , Maryland Farm, Woodsboro, MD, ½ mile North West of Woodsboro on Rt 550 in Frederick Co

FRI SEPT 21 - Landisburg, PA Kling's Fall Invitational William Kent, Bergen, NY Pedigrees Kling's Auction Sale Managers

SAT SEPT 22 - Public Auction Benefit Sale for West Fallowfield Christian School Located 2 miles south of Atglen, PA along Old Rt 41, Newport Pike Leon Kurtz, Auctioneer

TUES. SEPT 25 - 7 PM Public Sale of Feeder Cattle and Feeder Pigs at Carlisle Livestock Market exit 12 off I-81, 717-249-4511

SAT SEPT. 29 - 12 Noon Red Carpet Horse Sale. Public Auction of Registered Quarter, Appaloosa and Thoroughbred Horses Located at the Cambria Co. Fairgrounds Edensburg, PA Kevin Hines and Chris Rowe, Owners Davis and Templeton, Auctioneers

SAT SEPT 29 - Consignment Heifer Sale to Benefit Elementary Christian Schools. Located 6 miles east of Lancaster at the Guernsey Sales Pavilion Larry Kennel, Manager

DEALER IN ALL KINDS OF LIVESTOCK
Also Crippled & Down Cattle

MARLIN S. IRWIN
Quarryville, PA
PH: 717-786-3016

OCT.

WED OCT 3 - 9 30 AM Show, 12 Noon Sale Annual Cow Show and Sale. Located at the Belleville Livestock Market, Belleville, PA Mark Glick, Auctioneer

THURS OCT 4 - Monthly Cow Sale at Mel Kolb, Inc Lancaster Farm, 2220 Dairy Road, Lancaster, PA

TUES OCT 9 - 7 PM Public Sale of Feeder Cattle and Feeder Pigs at Carlisle Livestock Market exit 12 off I-81, 717-249-4511

WED OCT 10 - 12 Noon Public Auction of the Western PA Sale of Stars Located in Butler, PA

FRI OCT. 12 - 1 30 PM Public Auction of State Grade Consignor Feeder Pig Sale. Located at the Carlisle Livestock Market, Inc

SAT OCT 13 - 10.00 A.M Annual Fall Heifer Sale at New Holland Sales Stable, Inc 12 miles East of Lancaster off Rt. 23 in New Holland, PA Abe Diffenbach, Manager

THURS OCT 18 - Monthly Cow Sale at Mel Kolb, Inc , Maryland Farm, Woodsboro, MD, ½ mile North West of Woodsboro on Rt 550 in Frederick Co

SAT OCT 20 - Public Auction of 48 Acre Farm, Household Goods, Antiques & Farm Equipment Located between Strasburg and Paradise along Espenshade Rd Amos G & Edna V Hershey, Owners Robert E & Jeffrey R Martin, Auctioneers

TUES OCT. 23 - 7 PM Public sale of Feeder Cattle and Feeder Pigs at Carlisle Livestock Market exit 12 off I-81, 717-249-4511

TUES OCT 30 - 7 PM Public Sale of Feeder Cattle and Feeder Pigs at Carlisle Livestock Market exit 12 I-81, 717-249-4511

WED OCT 31 - 12 Noon Annual Dairy Show and Sale at New Holland Sales Stables, Inc 12 miles East of Lancaster off Rt 23 in New Holland, PA Abe Diffenbach Manager

NOVEMBER

FRI NOV 2 - Monthly Cow Sale at Mel Kolb, Inc Lancaster Farm, 2220 Dairy Road, Lancaster, PA

FRI NOV 2 - 6 PM Public Auction of a Special Heifer Sale Selling 250 300 Heifers Some registered, Open, Bred and Springing Heifers Located at the Belleville Livestock Market, Belleville, PA Mark Glick, Auctioneer

FRI. NOV. 9 - 9 00 A.M Public Sale of Farm Equipment at New Holland Sales Stable, Inc Located 12 miles East of Lancaster off Rt 23 in New Holland, PA Abe Diffenbach, Manager

FRI NOV 9 - 1 30 PM Public Auction of State Grade Consignor Feeder Pig Sale Located at the Carlisle Livestock Market, Inc

THURS NOV 15 - Monthly Cow Sale at Mel Kolb, Inc., Maryland Farm, Woodsboro, MD, ½ mile North West of Woodsboro on Rt 550 in Frederick Co

SAT NOV 17 - 9.30 AM Public Auction of an 85 acre Dairy farm, ready to operate. 1 PM. Also selling Farm Machinery Located 1½ miles south of Gap Christian K. Lapp Estate Naomi F Lapp & Thomas C Lapp, Executors For inspection of farm 717-442-4452 or 442-8501 Steve Petersheim, Auctioneer 786-4624

DECEMBER

FRI DEC 7 Monthly Cow Sale at Mel Kolb, Inc Lancaster Farm, 2220 Dairy Road, Lancaster PA

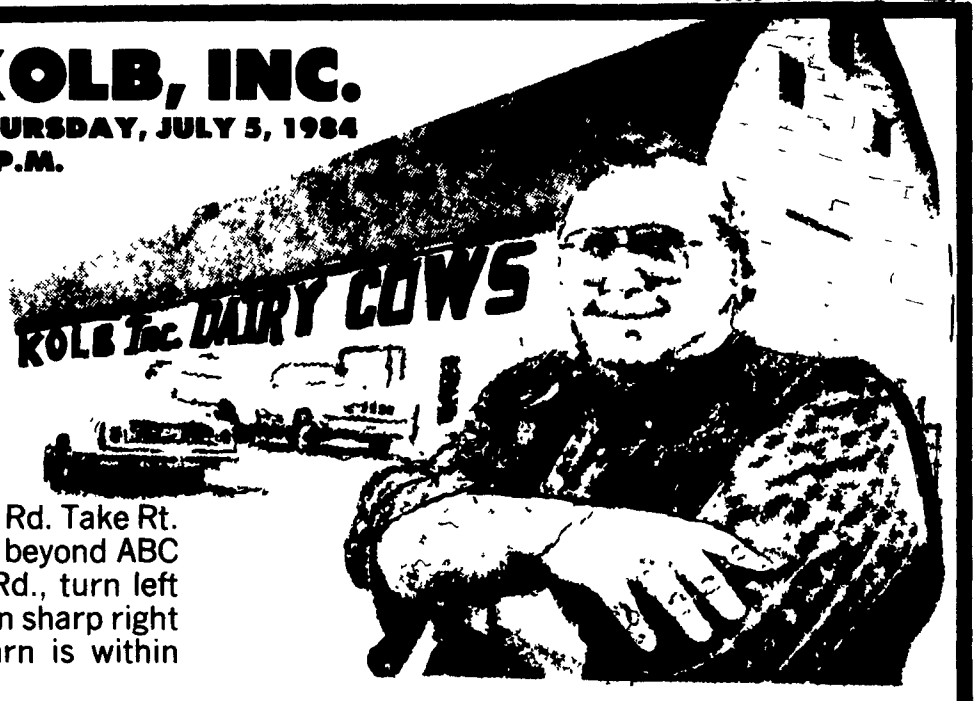
FRI DEC 14 - 1 30 PM Public Auction of State Grade Consignor Feeder Pig Sale Located at the Carlisle Livestock Market Inc

THURS DEC 20 Monthly Cow Sale at Mel Kolb, Inc , Maryland Farm, Woodsboro, MD, ½ mile North West of Woodsboro on Rt 550 in Frederick Co

MELVIN KOLB, INC.

SPECIAL JULY SALE - THURSDAY, JULY 5, 1984
7:30 P.M.

SPECIAL TREAT FOR ALL DAIRYMEN
★ OX ROAST ★



LOCATION:

West of Lancaster on Dairy Rd. Take Rt. 283 west of Lancaster exit beyond ABC Stud Barns at Flory Mill Rd., turn left after exiting, go to Mill, then sharp right under railroad bridge. Barn is within sight of Rt. 283.

150 HEAD OF DAIRY CATTLE 150

These cattle were specially selected for our July Sale. We tried to pick the very best cows from the better herds in Wisconsin, New York, Maine, New Hampshire, Pennsylvania and Maryland. All cattle have to meet our HIGH expectations to be in this Sale!

50 Purebred Cows, Some Classified With Pedigrees and Records; The Kind That Will Suit The Most Particular Buyer.
25 Fancy Purebred First Calf Heifers.
50 Head of Big, Heavy-Milking Grade Cows; Some Milking Up To 100 Lbs. Per Day.
25 Big First Calf Grade Heifers With Quality To Spare.

SPECIAL MENTIONS

* A fancy FOYBROOK TEMPTATION dau., born 6/27/81, bred 9/15/83 to ELEVATION, as 2-00 2x 310d 19204M 602F, her dam COTTERDALE ASTRONAUT KING dau GP-82 as 6-00 2x 353d 24383M 814F, next dam GP-80 as 4-02 2x 305d 19050M 631F, next dam VG with 2 records over 20,000. This is a show cow.
* A 5 yr. old VG-86 VINCENT-VIEW MOLLY CHIEF dau., bred 9/14/83 to COLUMBIA, as 2-2 365d 18360M 3 4 628F, her dam G-78 as 2-8 340d 18430M 4.0 736F, next dam GP-82 as 2-05 365d 22570M 3.5 801F. This cow was 2nd 2 yr. old Md. B W in 1981 show. Not on test last yr.
* A good big 3 yr. old GP-82 ACK-LEE CHIEF MONEY MAKER dau., bred 10/3/83 to LOVDAL MAGNET CHIEF FALCON, as 2-1 365d 20475M 3.8 780F, her dam VG-88 APOLLO dau. as 5-10 365d 34400M 4.0 1386F, next dam G-79 as 3-8 305d 21340M 4.1 874F, 3rd dam OSBORNDALE IVANHOE dau. as 6-6 305d 19520M 4.0 781F.
* A 3 yr. old G-78 SHARDALE ARLINDA CHIEF JEMINI dau., fresh 6/2/84, as 2-2 333d 20064M 3.7 742F, her dam VG-85 JOB dau. as 2-3 365d 18130M 3.9 701F, next dam EX-90 GMD as 10-03 365d 27872M 4.3 1197F; lifetime 233790M 3.8 8905F, next dam VG-85 GMD as 8-03 359d 23430M 4.6 1081F; lifetime, 160400M 4.3 6978F, has 4 VG daus. over 1000F, next dam VG GMD IVANHOE dau. as 10-4 325d 23390M 3.9 915F; lifetime. 237021M, next dam VG-87 GMD as 9-0 333d 19257M 3.7 704F; lifetime: 109728M. This cow is from a top cow family & should score higher.
* A 5 yr. old PUGET-SOUND SHEIK dau., bred 10/7/83 to BURDON ASTRO JET-ET, as 2y 305d 15132M 3.93 594F 138-148, her dam GP 8y 305d 16177M 3.85 623F 138-145, next dam GP 2y 305d 12577M 3.69 464F 138-139.
* A service age son of CAL-CLARK BOARD CHAIRCROFT ADMIRAL CITATION dau., 332d 21798 M 776F
* AND, many more top cows not listed in this ad!

DOOR PRIZE: PUREBRED HEIFER CALF Must be a buyer to be eligible & present to win.

FREE FOOD FOR ALL DAIRYMEN - Don't Miss our OX ROAST!

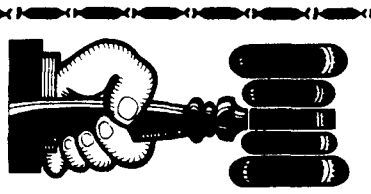
FREE TRANSPORTATION FOR LANC. CO. AMISH: Please call 569-2106/569-6800.

MELVIN KOLB
Sale Manager

ROBERT C. MULLENDORE
Auctioneer AU-000644-L

HENRY KETTERING
Pedigrees

MARVIN ESHLEMAN
Clerk



AUCTIONEER'S DIRECTORY

NOTICE
To assure that your Public Sale appears in the Public Sale Section we must have your advertisement by 4 P.M Tuesday of each week's publication.

C.H. WOLGEMUTH
RD #2, MANHEIM, PA
AUCTIONEER
Member of
NATIONAL AUCTIONEERS ASSOCIATION
COMPLETE AUCTION SERVICE
CALL
717-665-5664

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ACCU-LINE™

PROGRAMS FOR PROFITS

Should I molt?

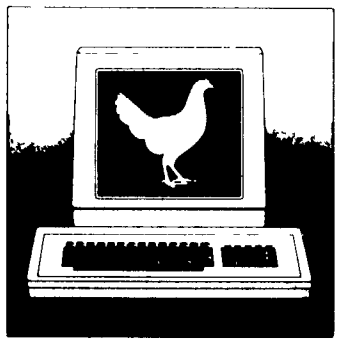
What is the best egg size?

Egg Shell Quality?

What About Pullet Quality?

How should I ventilate?

What is the best lighting program?

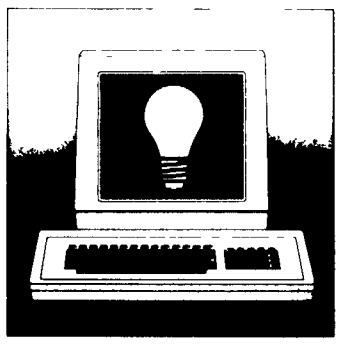


Accu-Line™ Pullet Feeding Program

- Insures precise nutrition regardless of season.
- Maximizes genetic growth potential sooner.
- Reaches sexual maturity sooner.
- Maximizes early egg production.
- Insures optimal skeletal development

Accu-Line™ Molting

- Improves second cycle performance.
- Reduces egg size.
- Increases salable eggs.



Accu-Line™ Bio-Mittent™ Lighting Program

Pullets.

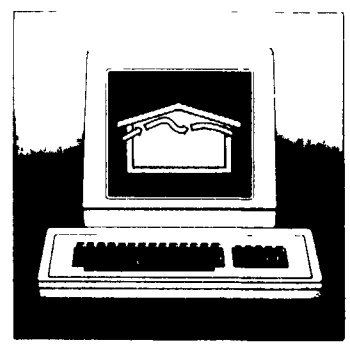
- Saves 0.5 lb per 20-week-old pullet
- Saves 75% of electrical lighting costs.

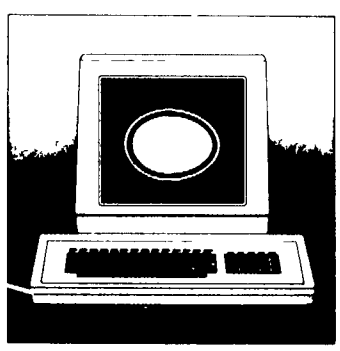
Layers:

- Improves feed efficiency 5-7%
- Reduces egg size 1%
- Increases number of salable eggs.
- Saves 75% of electrical lighting costs.

Winter Ventilation

- Improves air quality.
- Can reduce feed intake 3-4%.
- Reduces mortality.



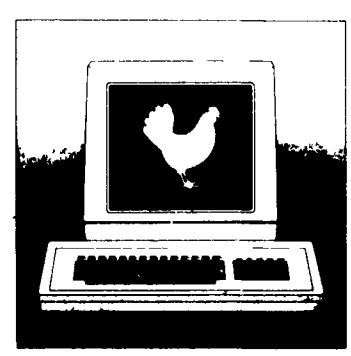


Accu-Line™ Shell-Pak™ Rations

- Reduces shell breakage
- Increases number of salable eggs.
- Produces more profitable egg size.

Accu-Line™ LimiFed™

- Reduces feed consumption 7%.
- Reduces egg size slightly.
- Increases number of salable eggs.



The Accu-Line Feeding and Management Programs help answer these and many other questions. With today's economic situation it is imperative that you use programs designed especially for you. Please contact the Purina dealers listed below for your Accu-Line Program for profits.

HESS MILLS
PHONE 717 442 4183
PARADISE PA 17562

HIGH BROS.
PHONE 717 354 0301
GORDONVILLE PA 17529

K & K FEED, INC.
PHONE 717 866 2324
23 N PARK ST RICHLAND PA 17087

UMBERGER'S OF FONTANA
PHONE 717 867 5161
FONTANA PA 17042

KEYSTONE MILLS
John B Kurtz
PHONE 717 354 4616 717 738 1088
RD3 EPHRATA PA 17522

HESS MILLS
PHONE 215-347 2377
RT 82 UNIONVILLE PA 19375

THE PURINA PROGRAM

Good Breeding	*Sound Management*
Careful Sanitation	*Good Feeding*

FOR GOOD PRODUCTION

DAVIS FEED MILLS
PHONE 215 257 4613
PERKASIE PA 18944

PHONE 215 598 3324
RUSHLAND PA 18956

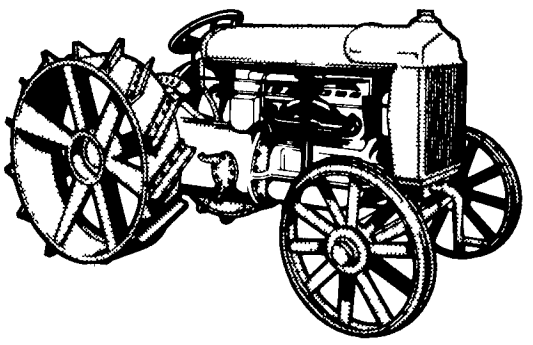
WOODSTOWN ICE & COAL CO.
PHONE 609 769 0069
WOODSTOWN N J 08098

SOUTHERN DIVISION
West Willow Farmers Assoc Inc
PHONE 717 529 2113
RTE 472 AT UNION PA
RD 1 OXFORD PA 19363

WEST WILLOW FARMERS ASSN., INC.
PHONE 717 464 3386
WEST WILLOW PA 17583

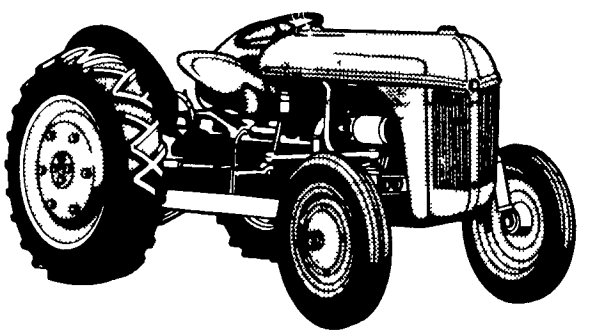
FORD TRACTORS

Fordson tractor, 1917

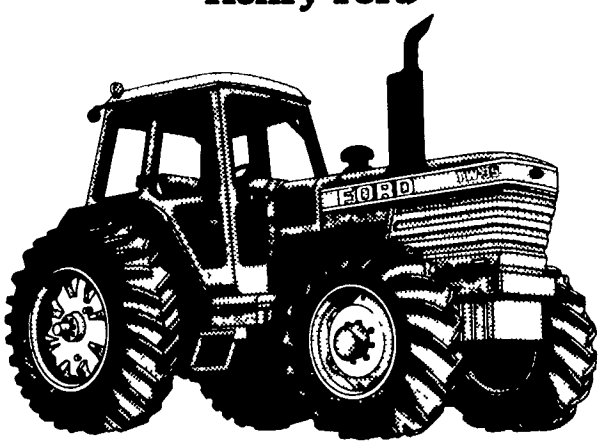


Henry Ford

9N tractor with hydraulic three-point hitch, 1939



1000 Series tractors are available in six compact models.



TW Series tractors are available in sizes from 105-170 PTO horsepower.

Series 10 tractors range from 32-86 PTO horsepower.

"One foot in industry and the other in the soil."

From its initial beginnings around the turn of the 20th Century, Ford has evolved into one of the largest and most respected sources for tractors and equipment.

Henry Ford was born and raised on a farm. His distaste for the backbreaking labor of 19th Century agriculture, coupled with his natural gift of invention, nurtured an ambition within him to "lift farm drudgery off flesh and blood and lay it on steel and mortar."

Although Henry Ford left the farm to change automotive history, the farm never completely left him. He built his first experimental tractor in 1907, and continued to build prototypes until, in 1917, the first Fordson tractor rolled off the assembly line.

Manufactured with the same mass-production efficiencies that helped make the Model T car a success, the Fordson was the first tractor priced within an average farmer's budget. It became so popular that at one time in the 1920's, Fordsons accounted for 75% of all tractors sold in North America.

In 1939, Ford introduced its second-generation tractor, the Model 9N. It pioneered a significant breakthrough in tractor design–the hydraulically controlled three-point hitch. This innovation made the implement an integral part of the tractor that could be raised or lowered at the touch of a control lever. Virtually every tractor manufacturer has adapted this design.

Through the years, there have been many new models, many refinements, and many firsts. Today, Ford tractors continue on the leading edge of technology with a broad line of sophisticated yet serviceable tractors for farm and industry.

Ford tractor engineering includes some of the most advanced design and manufacturing technology in the world: computers, lasers, robots and statistical process control. These high-tech innovations combine with the experience and ingenuity of Ford personnel to create tractors designed for maximum durability, quality and reliability.

The Ford model line encompasses 21 farm tractor models from 11.5 to 170 PTO horsepower, as well as an extensive line of matching equipment.

Today's Ford tractors are the products of a legacy handed down by the father of mass-production technology. We continue to serve the needs of farmers because we still believe what a farmer's son named Henry Ford said a long time ago: "He who serves agriculture serves all mankind."

Antietam Ford Tractor Strives to be Best

"We sell tractors and equipment and provide our customers with the best service to be found anywhere," is how General Manager Jim Reed described Antietam Ford Tractor in Leitersburg, Md.

Located five miles north of Hagerstown on Maryland Route 60, the Ford dealership went through a number of name and ownership changes to get where they are today, providing sales, service and parts for farmers in Washington County, Md. From 1919 to 1975 the dealership was called Newman Farm Supply and was located in Smithburg. It first moved to Leitersburg as Brothers Ford Tractor and Equipment Company, then Reynolds Tractor for a year before taking on the Antietam name.

With a staff of eight people, three of them full time service people, service is important in their heavy dairy farming environment. Just over a year ago the agency hired a full-time salesman to go out after the new and used tractor customer — prior to that time most sales came from satisfied customers and word of mouth as well as a reputation for quality service.

Ray Johns is currently the owner and Jim Reed serves as general manager. Service Manager Richard Martin and Parts M[illegible]r Earl Reed round out the management team Bob Irving is the salesman for the established firm.

They also offer a full line of lawn and garden equipment.

Leslie G. Fogg, Inc., Enters 40th Year

Into its 40th year as a Ford dealer, Leslie G. Fogg, Inc. of Bridgeton, N.J. enjoys serving farmers in the Garden Spot of the Garden State.

Fogg customers engage in a veritable cornucopia of farming — dairy, livestock, grains, hay, orchard, truck and berries to name a few.

Current Owner, Cliff Carter notes that since the dealership began, in 1944, they have added a new shop, expanded the parts area and covered the yard. The storage area has grown from about 2,500 square feet to 50,000 square feet. "We think it's important to keep this expensive equipment out of the weather for its eventual owner," comments Carter.

Two things that make Fogg unique are its fabrication service and its an anhydrous ammonia sales. With a full-time welder — Todd McAllister — in the shop, customers can get repairs or have equipment of their own design constructed for them. Fogg also is the only established dealer in southern New Jersey for the nitrogen fertilizer, anhydrous ammonia.

Les Fogg is the manager of the dealership and Ruth Nelson is the office manager.

Service Manager Lee Shafer and his mechanics — Alan Turner, Adam Rudolphi and McAllister — offer full service and quality repairs to their Salem, Cumberland, Cape May and Glouster Counties customers. Bill Corson makes sure the parts required are available.

"We've had a very, good year this year," reports Carter, "we are seeing a rebound in agriculture — everything is selling." New Ford tractors, used equipment, parts — all sales at Fogg are up this year and they are looking forward to winning a number of Ford production awards.

Index of Participating Dealers

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Cumberland Valley Co-Op Association	6
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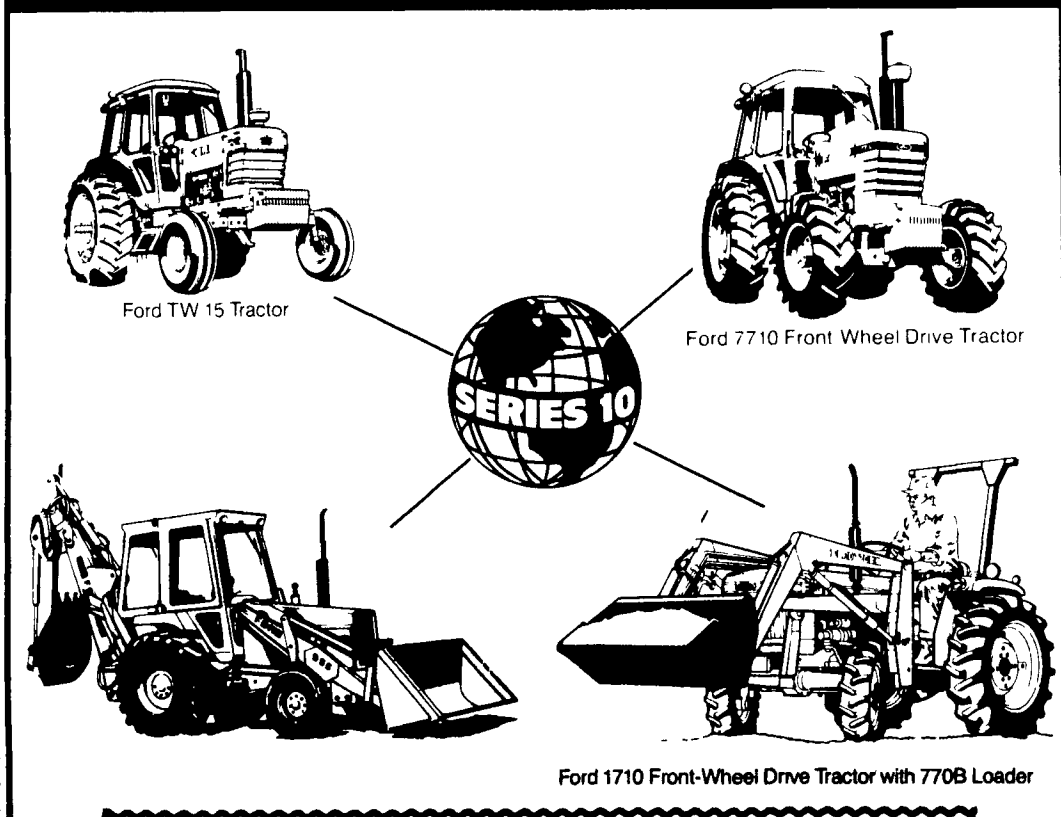
Wm. Hobensack's Sons	7

MEET A NEW WORLD OF FORD POWER!



Ford TW 15 Tractor

Ford 7710 Front Wheel Drive Tractor

Ford 1710 Front-Wheel Drive Tractor with 770B Loader

LATE MODEL USED FORD TRACTORS AVAILABLE
6600 6700 7600 7700 ALL WITH CABS

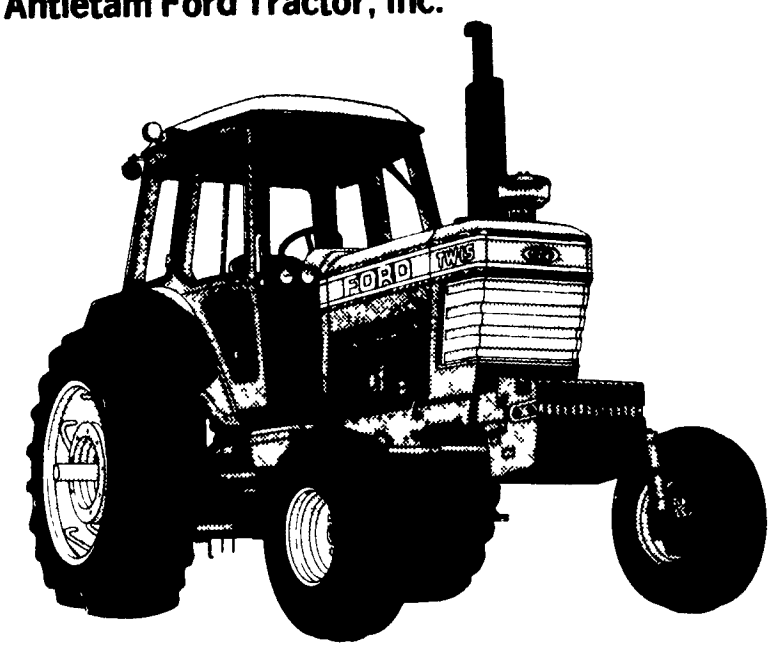
Ford Tractors Equipment

LESLIE G. FOGG, INC.
RD #3 - Box 179
Bridgeton, NJ 08302
609/451-2727

Ford Tractors Equipment

NEW FORD TW-15

See this new 120-PTO hp* Ford at Antietam Ford Tractor, Inc.



- FULL 3-YEAR WARRANTY PLUS FREE MAINTENANCE FOR 3 YEARS—virtually all you buy is the fuel and fluids for replenishment for the first three years or 2 500 operating hours assuming proper care and maintenance—see us for details
- 120 PTO hp* turbocharged fuel-efficient engine
- 16 speed Dual Power transmission
- New hydraulic power
- Optional front-wheel drive
- Computerized Performance Monitor option

You ll be impressed by all the new Ford TW-15 has to offer Stop in soon and see one for yourself!

*Manufacturer s estimate

ON NEW FORD TW SERIES!

Buy a new 105-170 PTO hp Ford TW Series tractor* now and we'll give you all the oil, filters, and more you need for scheduled maintenance At no extra charge!

For example, here's what you get with a new TW-35

340 quarts of engine oil
50 gallons of hydraulic oil
16 quarts of power steering fluid
17 engine oil filters
4 fuel filters
18 hydraulic filters
2 air cleaner outer elements
4 power steering fluid filters

And theres more! The new Ford TW Series is backed by a warranty for the first 3 years or 2,500 operating hours It covers components most warranties don t like belts, brake and clutch linings, hoses, fuel injectors, even exhaust system parts

Certain restrictions apply Warranty coverage excludes accidents, misuse and abuse

105 PTO HP TW-5
120 PTO HP TW-15
140 PTO HP TW-25
170 PTO HP TW-35

*Manufacturer's estimates

Antietam Ford Tractor, Inc.
Route 5 - Box 101
Hagerstown, MD 21740
301/791-1200

Ford Tractors Equipment

Stop in soon for details!

Straley Farm Supply Grows Each Year

"I guess our customers like us a little or we wouldn't do more business each year," is how James S. Straley explains the success of Straley Farm Supply, Inc.

The Dover, Pa. Ford dealer has supported the needs of farmers, contractors and homeowners in York County since 1953. The current location, at 1760 E. Canal Road, Dover, is on 10 acres of land and includes a sales office, showroom, parts and service facilities.

Mr. Straley's staff of 13 people includes Joyce Amspacher, office manager, who has been helping Straley customers for 18 years Raymond Laughman is parts manager and Adam Laughman is service manager. The Sales Manager is Charles Barley and Stanley Lentz managers the body and parts shop

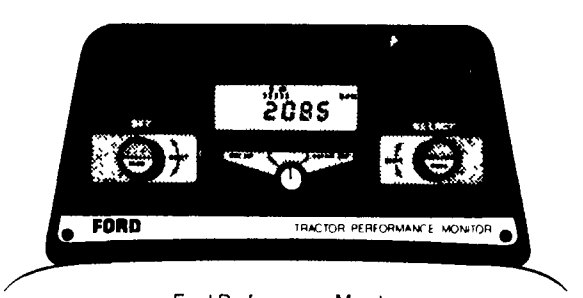
Business has improved every year that the dealership has been in operation — according to Straley it is because they like Ford machinery, they are loyal customers and they get the best of service and price.

"In the farm machinery business you have got to have repeat business," he continues. Since 1953, "lots of dealers around us have gone out of business." He sums it up with, "Helpful — we go out of our way to help our customers."

For that helpfulness Straley's has been cited by Ford, Future Farmers of America and fellow implement dealers.

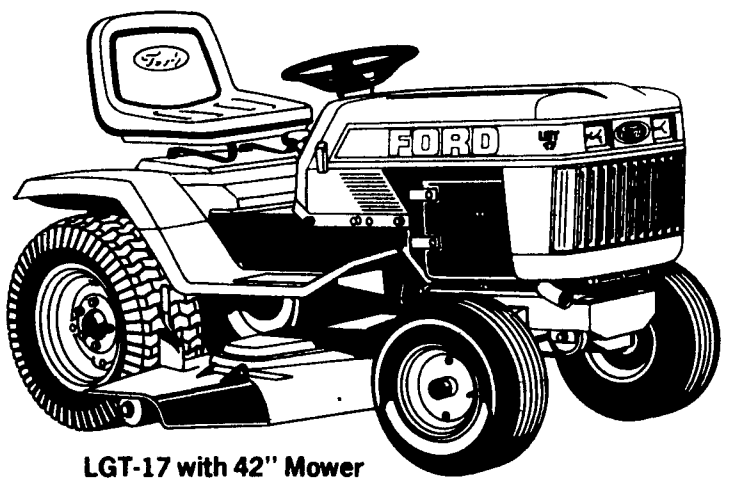
In the fall, after the harvest, look for a Straley open house — a way of saying thank you to those loyal customers.

Pictured are the ten acres of land in Dover, Pa. which holds Straley Farm Supply, Inc. More and more customers seem to find the location each year.

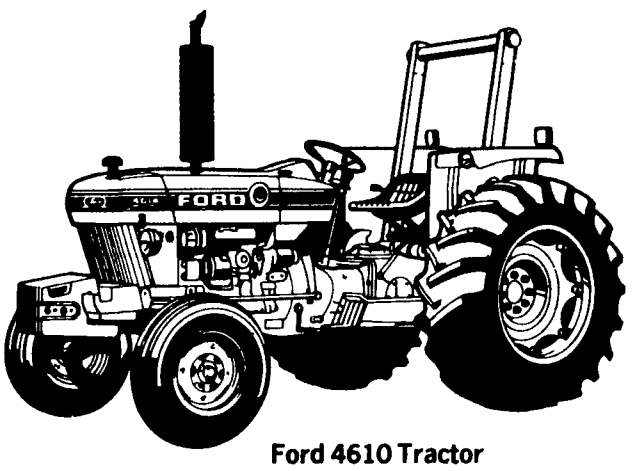


Ford Performance Monitor

MEET A NEW WORLD OF FORD POWER
FOR FARM OR HOME



LGT-17 with 42" Mower



Ford 4610 Tractor

NEW EQUIPMENT IN STOCK FOR IMMEDIATE DELIVERY

Ford 8000
Ford 5000
Ford 3000
Ford 4000 with Forklift
Ford TW30
Ford 340 Tractor Loader
Ford 550 Tractor Loader
Ford 445 Tractor Loader Backhoe
Ford 555 Tractor Loader Backhoe

MANY USED FARM & LAWN & GARDEN TRACTORS TO CHOOSE FROM

CALL NOW FOR LATEST PRICES, FINANCE & LEASING PLANS

STRALEY FARM SUPPLY, INC.

1760 East Canal Road
Dover, PA 17315
717-292-2631

Ford Tractors Equipment

Teamwork Is Keyword at Lancaster Ford Tractor

Lancaster Ford Tractor has been serving Lancaster and surrounding counties since 1939 with genuine Ford parts and factory-trained service mechanics.

The dealership was originally called Dorsey Ford Tractor and was located at Willow Street, Pa. until 12 years ago when it became Lancaster Ford Tractor, Inc., 1655 Rohrerstown Rd., Lancaster.

All of Lancaster Ford's service people have achieved the highest awards available in all phases of Ford's Certified Mechanic Program. And that's the secret of this dealership–people.

Starting with General Manager Larry Groff who started out changing tires and setting up equipment in 1962, the dealership's people are its most important asset. Larry worked his way up to truck driver, then mechanic, then service manager. For 11 years he was a salesman before being named general manager.

John Kauffman started out as the mechanic and partsman in 1953 and has worked just about every job in the dealership. He now devotes his full energies to managing the parts department.

Out on the road where all of the latest repair facilities are not always available is where you will find Road Service Mechanic Ray Wharton. He's been fixing Ford Tractors since 1970 and has been part of the Lancaster Ford Tractor team since 1974.

From delivery truck driver in 1974, Craig Boyer worked into being a good mechanic and then his ability to communicate with customers became apparent. That along with his knowledge of the mechanics of Ford tractors make him an exceptional service manager

Inside Mechanic Kevin Boyer joined the dealership as a helper mechanic in 1978 and quickly moved up to first class mechanic. He has completed all the quality training programs available to him. According to his co-workers, his ability to overhaul engines and make them purr is his strong point.

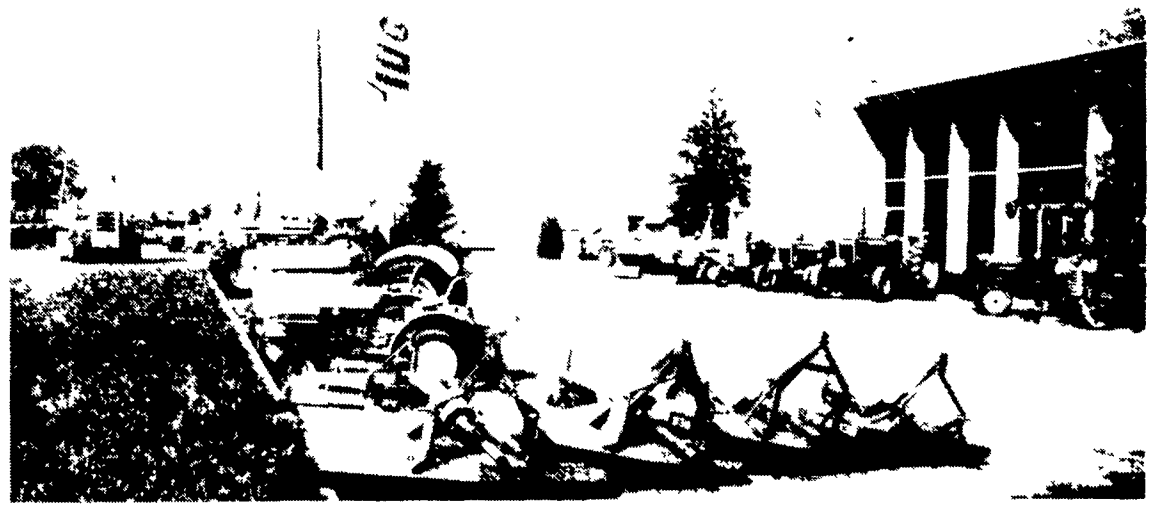
Another fully trained team member, since 1979 is Dan Martin, truck driver and mechanic. He enjoys keeping his new diesel truck rolling making pickups and deliveries.

If you want to buy farm equipment, a farmer is a good person to buy it from. Salesman Allan Herr still farms with his family part-time. This background and five years of experience give him the ability to look at a need and fill it with exactly the right equipment.

Paul Schannauer, bookkeeper, has been keeping Lancaster's accurate books since 1981 after many years of experience with another tractor agency.

In 1982 business had grown so well that Ruth Ann Groff was hired as billing and accounts receivable clerk. She answers the telephone sweetly but then sends out the bills at the end of the month.

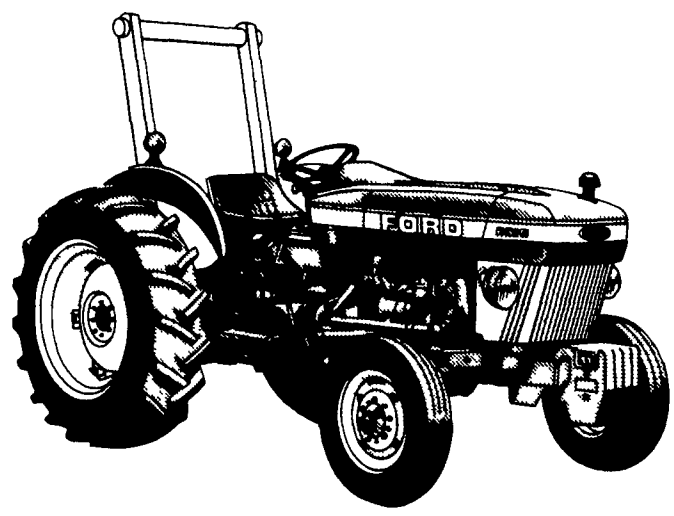
The latest addition to Kevin Fauth who fills in, where needed, in parts, service and sales while he mumbles, "Boy, it's nice to be needed."



This is not Lancaster Ford Tractor, Inc. It is the building in which the people who are Lancaster Ford Tractor do their work -- the people are the dealership.

And these are the people who make up the Lancaster Ford Tractor team that more and more people in Lancaster and surrounding counties are relying on for their tractor and equipment needs.

Homeowners, farmers, landscapers and contractors are all finding that Lancaster Ford Tractor is a good team to have on their side.



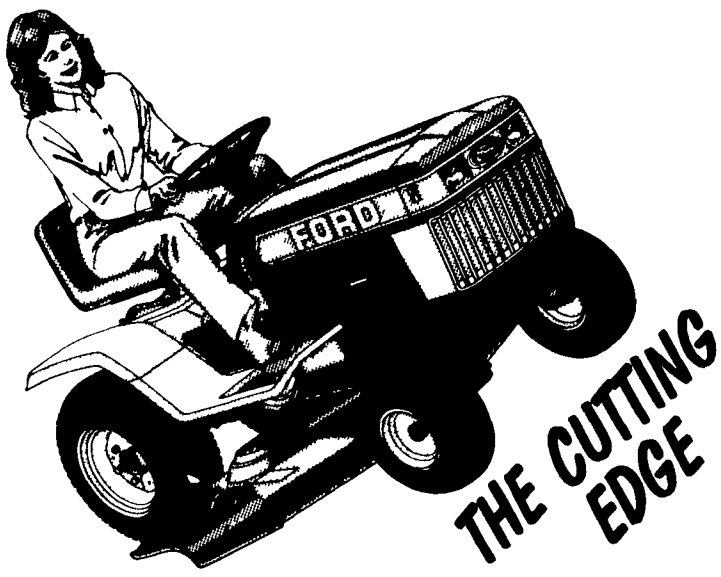
Ford
Tractors
Equipment

LANCASTER FORD TRACTOR

SPECIALIZES IN FORD TRACTORS

THE FULL TRACTOR LINE

BUILT TO WORK AS HARD AS YOU!



For The Home

A Full Line Of Mowers, Tillers, Snow Blowers, Grass Catchers.

8 - 11 - 12 - 16 - 17 H.P.
30" - 38" - 42" - 48" Mowers

Ford
Tractors
Equipment

FOR THE FARM...

STOCKY NEW FORDS!

TOUGH NEW 1000 SERIES DIESELS UNDER 38 HORSEPOWER

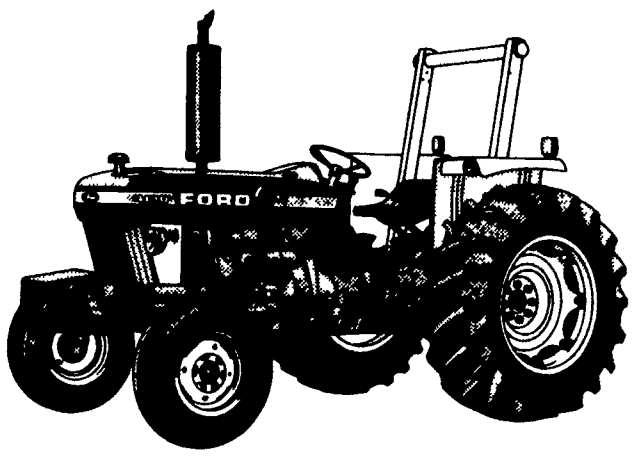
Whether you want to mow an acre or a hundred dig a posthole or a sewer trench. .grade a driveway, plow a field or load a truck. we've got a Ford 1000 Series tractor for the job!

These new compacts come with a combination of features you can't get anywhere else. Smooth, efficient diesel engines. Standard 10 or 12-speed transmissions Hydrostatic and Synchro Manual Shuttle transmission options Standard 540 rpm PTO and Category I three-point hitch. Diff-lock Optional front-wheel drive. And a choice of more than 50 matching implements and attachments

So stop in soon and see the new 1000 Series tractors There's one just right for you!

13 - 16 - 19 - 22 - 26 - 32 & 38 HP

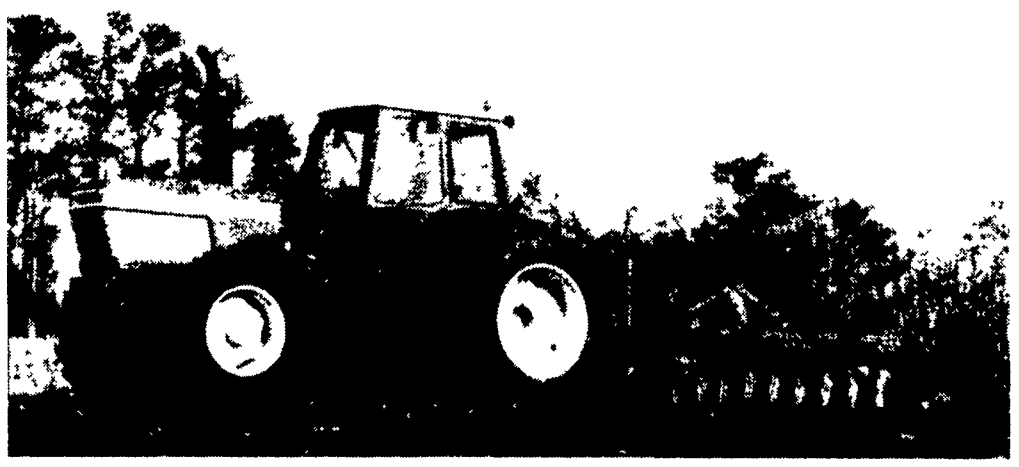
GO FORD AND SAVE!



COME IN AND SEE WHY IT MAKES GOOD SENSE TO GO WITH A NEW FORD SERIES 10 WORLD TRACTOR!

New Mid Size Muscle

Ten New Models From 34 to 86 HP



TW SERIES TRACTORS

For The Big Farmer
105 - 120 - 140 - 170 HP

3 Year FREE TRACTOR Care.

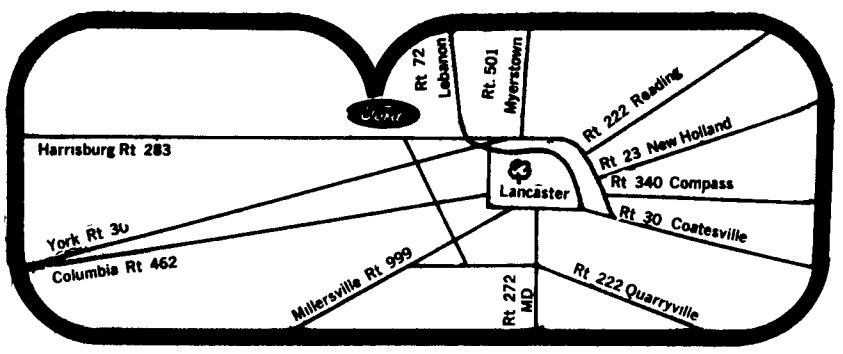
Just About The Only Thing You Need To Buy Is The Fuel.

AFTER THE SALE

Genuine FORD PARTS

Parts Specials Each Month
Stop and Check Extra Discounts From
Ford Tractor Every Day Low Prices

All Mechanics Have Completed
All Ford Certified
Mechanic Programs.
We Can Get You Going
We Can Keep You Going



THE FRIENDLY RELIABLES

Easy To Reach and Worth Reaching

LANCASTER FORD TRACTOR, INC.

1655 Rohrerstown Road, Lancaster, PA
Flory Mill Exit off Rt. 283 **Ph: 717-569-7063**

Ford Tractors Equipment

Ford Tractors Equipment

A LOW PRICE IS SOON FORGOTTEN GOOD SERVICE IS NEVER FORGOTTEN

A Great Year for Gateway Ford Tractor, Inc.

It's been a great year for Gateway Ford Tractor, Inc., 15410 Chrysler Dr., Upper Marlboro, Md. Last year the progressive dealership sold 75 Ford tractors and they expect to beat that record this year.

In the used tractor department it looks like it is going to be a 90 to 100 sale year.

But sales isn't the only thing going on at Gateway — with a mechanical force of seven, plus the service manager, customer service is an important part of the business.

Working out of Beltsville, Md. from 1972 until the current facility was opened on 3 acres of land with 7,200 square feet of space in 1976, business has continued to grow.

At the head of Gateway's staff of 15 is President and General Manager Larry Groff. He is assisted by Jack Humphreys, sales manager and Edna Denning, office manager. Parts Manager Mac McLean and Service Manager Kevin Davenhall round out the management team.

They estimate that half of their business comes from the tobacco and small grains farms in the area and the rest from construction. Forty tractors and implements are currently in the rental fleet mainly for industrial users.

If you are at the Prince Georges Fair, Sept. 13 - 16 be sure to see the Gateway exhibit. But if you miss that one, the Anne Arundel Fair, Sept. 19 - 23 will also have a gateway display. Stop and visit

Cumberland Valley Co-op, a "Full-Service" Dealer

Cumberland Valley Co-op is a truly full-service farm center.

You can walk into the Farm Service Center at 7 W. Orange St., Shippensburg, Pa. and drive out with a new or used Ford tractor, fencing, fence chargers, animal clippers, milk supplies, a back-hoe or toys for the kids.

John Crouse, manager of the Farm Service Center said, "We are pretty diversified — a complete farm store with everything but the kitchen sink."

Cumberland Valley started in 1929 as a feed mill and eventually got into other areas of farm service. The main feed plant is now located outside Shippensburg along Interstate 81 at Exit 10. There are branches in Chambersburg, Newville, Longsdorf and Mechanicsburg.

Crouse can only remember one year in which the co-op did not pay a dividend back to its customers. The board of directors, who are elected by area farmers, return profits to their customers based on the total purchases of those customers. Henry Zajac is general manager of the co-op.

In addition to Ford sales, service and parts they also offer complete hydraulic hose service and a large lawn and garden department. The used tractor and implements department offers some great bargains. The hardware department, pet supplies and Ford industrial equipment sales and service are also located on the Farm Service Center.

From July 22 to 28, Cumberland Valley Co-op will have a display at the Shippensburg Fair.

NEW FORD FARM POWER!

These rugged compacts come standard with liquid-cooled diesel engines and full-time live hydraulics. Options include front-wheel drive and hydrostatic or Synchronized Manual Shuttle transmissions.

Whether you want a picture-perfect estate, a high-yielding garden... or maybe both — a new Ford 1000 Series tractor is for you! There are over 50 implements available to do most garden jobs you've got. And they're so nimble and easy to operate that tractor work is almost tractor fun!

- Six models - 11.5 to 28.5 PTO horsepower
- Fuel efficient diesel power
- 10 or 12-speed transmission
- Optional front-wheel drive
- Live hydraulics
- 540 rpm PTO
- Category I 3-point hitch
- Check the features. Then stop by and test one for yourself!

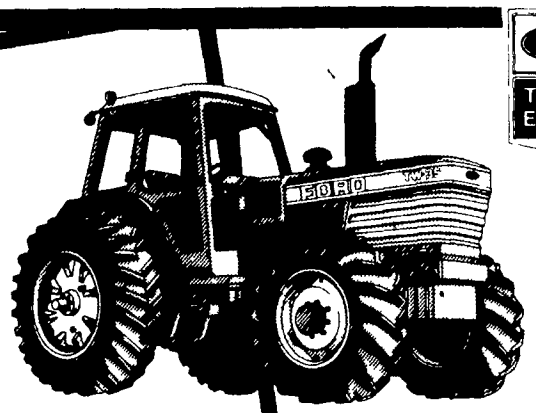
USED TRACTORS

2 Ford 2600 Diesels w/PS, On Line PTO 8 Speed Transmission	$7,500
Ford 6600 1977 Model w/Factory Cab	$10,800
Ford 7000 1974 Model w/Cab & Loader	$11,500
Ford 3600 1976 Model w/Loader	$9,500

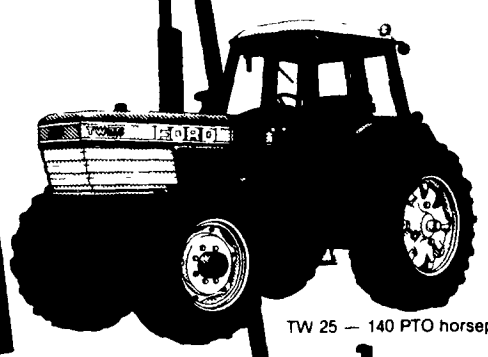
GATEWAY FORD TRACTOR
15410 Chrysler Drive
Upper Marlboro, Md. 20772
301/627-6400

NEW FORD TW SERIES!

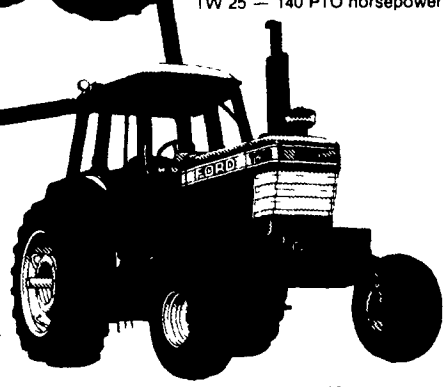
Ford Tractors Equipment



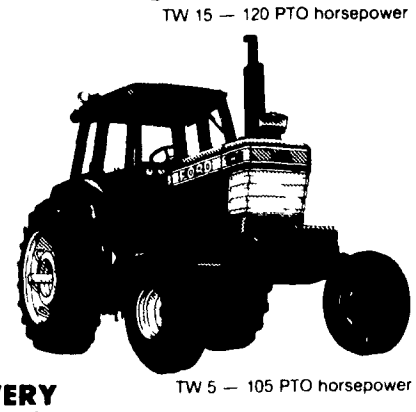
TW 35 — 170 PTO horsepower



TW 25 — 140 PTO horsepower



TW 15 — 120 PTO horsepower



TW 5 — 105 PTO horsepower

Four models, 105 to 170 PTO hp.*

The most powerful tractors ever built by Ford and the widest choice of 100 + hp Fords ever They re equipped to make the most of every hour in the field from the 16-speed Dual Power transmission to the new Comfortizer seat Plus new options like center differential front-wheel drive** and a computerized Performance Monitor

Exclusive full 3-year warranty!

If almost anything goes wrong with your new TW Series tractor in the first three years or 2 500 operating hours (assuming normal use) Ford will fix it FREE! See us for complete details

Free maintenance for 3 years!

Ford also provides all the lubricants and filters for scheduled maintenance for the first three years or 2 500 operating hours Assuming proper care and maintenance virtually all you buy is the fuel and fluids for replenishment!

Manufacturer's estimate

Not available on the TW 25 until mid 1984

NEW TW5 IN STOCK READY FOR DELIVERY
Used 6700, low hours, good rubber, and excellent condition.

CUMBERLAND VALLEY FORD
7 West Orange Street
Shippensburg, Pa. 17257
717/532-7811

Customer Al Simon, left, and Salesman Ed Saalfrank close a deal on a Ford diesel tractor at Wm. Hobensack's Sons in Ivyland, Pa.

Wm. Hobensack's Sons Is Newer Ford Dealer

Although a Ford dealer for only two years, Wm. Hobensack's Sons has been serving the needs of Bucks County, Pa. for 94 years. They can be found at 1060 Greeley Ave., Ivyland, Pa. where they have been since 1890.

Throughout the years Hobensack's has expanded service shops and showrooms to keep up with business.

Partners Wm. and Scott Hobensack are dealers for Ford and International Harvester. They have new and used equipment, parts and service as well as a fleet of trucks for pickup and delivery service. They also sell fuel oil and lawn and garden equipment from a broad range of manufacturers.

Butch Finney manages parts for the partnership. Salesmen Jerry Supplee, Ed Saalfrank and Ed VanZandt are on hand to match equipment to specific needs.

About half of the dealership's business is lawn and garden with the rest being split among industrial and farm equipment and fuel oil.

Ford Engines Have Developed With Times

Ford Motor Company has designed and built its own tractor engines since 1917 when the Company unveiled the Fordson – the world's first mass-produced agricultural tractor.

In 1952, Ford equipped its English-built all-purpose Fordson Major tractor series with a new Ford-designed engine – the first diesel ever used in a production Ford tractor.

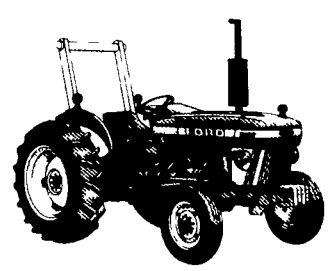
Ford Tractor Operations has produced more than four million diesel engines since 1952, and today manufactures durable and highly efficient three-, four- and six-cylinder powerplants used in Ford tractors sold by more than 5,000 dealer outlets in more than 130 countries.

Ford introduced three- and four-cylinder diesel engines for its North America built tractors in 1958. Subsequent additions to Ford's diesel line included a high-performance four-liter, six-cylinder engine that was used in the largest and most powerful tractor built by Ford in 1961.

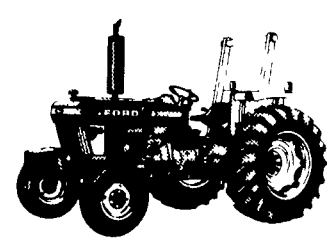
In 1964, Ford became the first major manufacturer to offer a single "world" line of farm tractors. The new "world" tractors were available with a new family of diesel engines produced by Ford at Basildon, England.

Ford's first over-100-horsepower six-cylinder diesel engine for tractors appeared in 1968, and a turbocharged version was introduced the following year A decade later, a turbocharged six-cylinder diesel with an intercooler to increase engine efficiency was introduced on Ford's large TW-30 two-wheel-drive tractor.

Ford Tractor's Industrial Engine Operations recently introduced an improved Basildon Series Diesel (BSD) line of industrial engines based on the highly successful design of its tractor engines.



Ford 3610 Tractor



Ford 4610 Tractor

stocky new Fords!

New Ford 1000 Series diesels...built for big yards and gardens!

Whether you want a picture-perfect estate, a high-yielding garden...or maybe both–a new Ford 1000 Series tractor is for you! There are over 50 implements available to do most garden jobs you've got. And they're so nimble and easy to operate that tractor work is almost tractor fun!

- Six models–11.5 to 28.5 PTO horsepower
- Fuel efficient diesel power
- 10 or 12-speed transmission
- Optional front-wheel drive
- Live hydraulics
- 540 rpm PTO
- Category I 3-point hitch
- Check the features. Then stop by and test one for yourself!

Wm. Hobensack's Sons

1060 Greeley Ave.
Ivyland, PA 18974
Bucks County

Ford Tractors Equipment

Phones: (215) 675-1610 (215) 343-2101
Toll Free From NJ: 1-800-433-7336

Cherry Valley Ford Tractor Serves Two States

People flying in to or out of Philadelphia International Airport see a fleet of Ford tractors thanks to the efforts of Cherry Valley Ford Tractor Sales of Marlton, N.J.

The dealership is just across the river from Philadelphia and they specialize in industrial and mowing equipment, working mainly with municipalities.

Owner Harold K. Wright Jr., who took over from his father when the elder Harold K. Wright retired, supervises the staff of 13 employees at the facility on State Route 70 east of Route 73, just off the Marlton Circle.

Since 1963 the dealership has served the needs of customers in Burlington and Camden Counties as well as parts of Pennsylvania with quality Ford equipment, service and parts. The original 20 foot by 40 foot building has expanded, in those years, to a 60 foot by 120 foot facility. Plans call for the addition of a storage building in the near future as sales have increased steadily — since 1981 alone, sales have doubled.

While they specialize in industrial equipment they are always aware of the needs of their truck-farming customers. In 1983 Cherry Valley sold 50 Ford tractors and this year they fully expect to reach the 75 level. Business is so good that they haven't had time to schedule open houses or other events — they insist that the needs of their customers come first.

If you've ever dealt with the professionals at Cherry Valley Ford Tractor Sales you probably have met Parts Manager Clarence Lounsberry and Service Manager Joseph Dinori who share more than a decade of service each. If you haven't met them, stop by and make a new friend.

Del-Mar Ford Tractor, Inc., a Growing Dealership

If you get to the Delaware State Fair this year, from July 21 to 28, be sure to stop and see Del-Mar Ford Tractor's farm, lawn and garden equipment display.

If you don't meet them at the fair, stop at their Cheswold, Del dealership on Route 42 at Route 13. They have been selling and servicing Ford tractors, both new and used, and offering a full line of parts at the same location since 1973.

Shake hands with Sherman DeMaris who's been selling Fords for a decade now–that's about the same amount of time that Phil Smith has been coming up with the right parts for Del-Mar customers. During that same time Ted Pennock, inventory control, has been keeping an eye on what's in stock. You can even chat with Wes Hastings, service manager, who has 4 years of serving Del-Mar Ford customers and Wodie Turner who has been in sales for the last six years.

Just last year the dealership added 2,000 square feet of office space to accomodate their bookkeeping along with the bookkeeping for their sister dealership, Security Ford Tractor in Baltimore, Md. An equipment storage area is in the plans for the near future.

The recipient of the Ford Motor Credit Company 10 year dealer award for exemplary service to the industry carries a full line of farm, utility and construction tractors as well as lawn and garden tractors.

Industrial, farm and utility tractors share space at Del-Mar Ford Tractor, Inc., Cheswold, Del. with lawn and garden equipment. Sales, parts and service complete the award winning line-up.

Security Ford Tractor Lists Two Locations

Since 1920 Security Ford Tractor, Inc. has been in business in the Baltimore area. That makes them one of the oldest, original, continuous Ford dealerships in the country.

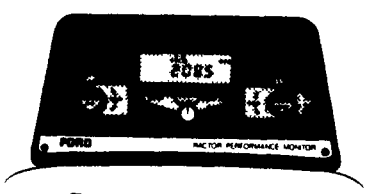
And now, Security has two locations in the area with the addition of Security Ford Tractor West at 10917 Liberty Road, Randallstown, Md. The main facility is at 3828 Washington Blvd., Baltimore–just off of the Baltimore Beltway, I-695.

Buying equipment at Security is easy, what with the help of Carroll L. Hohman who has been selling Fords for 37 years. He is backed up by the seven years of experience owned by Barrie Showalter and their new associate, Tom Livingston.

Jerry Hemler has been service manager for 13 years and Bob Engle, shop foreman, started just a year after Jerry. The parts come from 10 year veteran Phil Smith.

The Harbor City dealership started with 8,000 square feet of space and through-the-years has expanded to 20,200 square feet of sales, service and parts dealership. They specialize in mowing equipment, Ford industrial, utility and construction tractors as well as lawn and garden tractors.

Look for the Tractor Loader Backhoe Demonstration Days this August at the Baltimore location.



Ford Performance Monitor

Ford Tractors Equipment

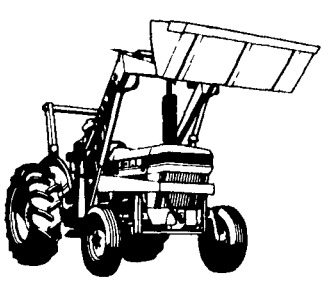
Ford Comfortizer Seat

MEET A NEW WORLD OF FORD POWER!

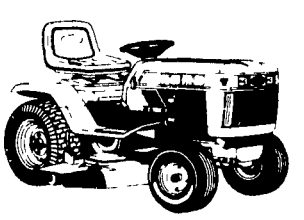
AT CHERRY VALLEY FORD TRACTOR SALES

YOU ARE INVITED TO STOP BY AND SEE HOW YOU CAN DO MORE WORK ON LESS FUEL WITH OUR FARM, INDUSTRIAL AND LAWN & GARDEN FORD TRACTORS

Ford 7710
Front Wheel Drive Tractor



Ford 3610
Tractor with 776B Loader



LGT-17 with 42" Mower

Ford Tractors Equipment

CHERRY VALLEY FORD TRACTOR SALES
Rte. 70 E. at Rt. 73, Marlton, NJ
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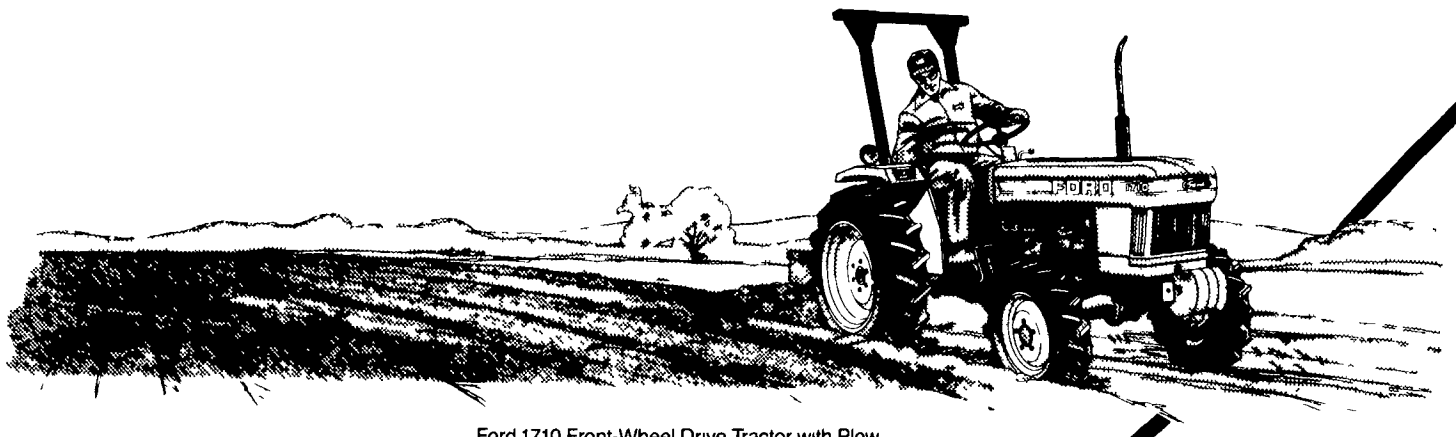
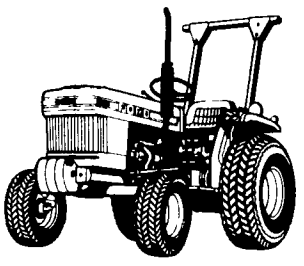
Ford Tractors Equipment



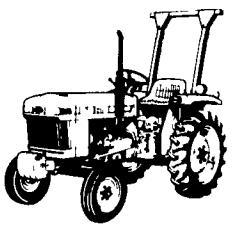
Ford 1710 Front-Wheel Drive Tractor with Plow

Ford Tractors Equipment

Ford 1210 Tractor with Hydrostatic Drive and Mower

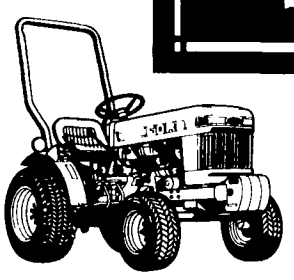


Ford 1510 Tractor



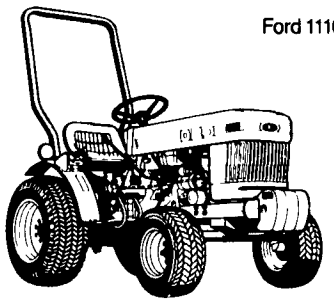
Ford 1310 Tractor

LARGEST SELECTION OF FORD TRACTORS IN THE 10 STATE AREA

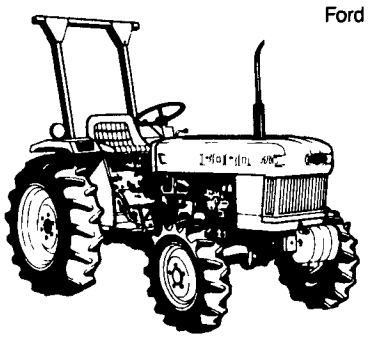


Ford 1110 Tractor

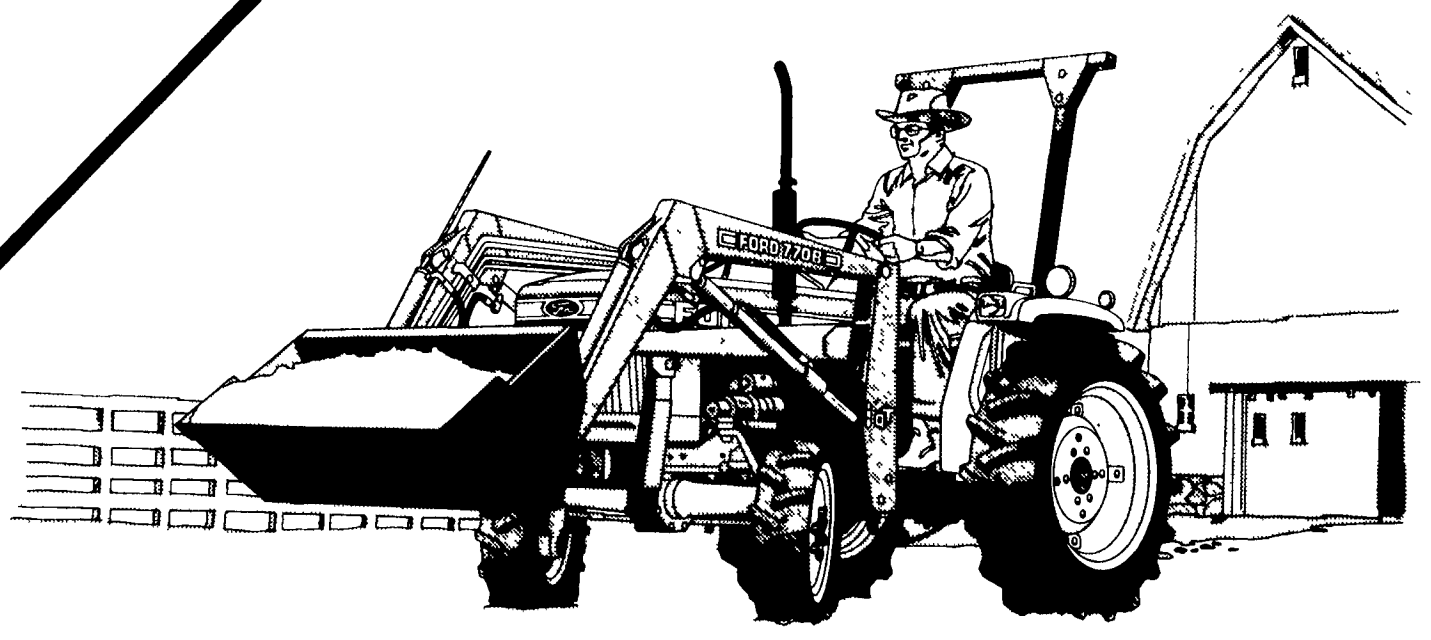
Ford 1510 Tractor with Rotary Mower



Ford 1210 Tractor



Ford 1710 Front-Wheel Drive Tractor



Ford 1710 Front-Wheel Drive Tractor with 770B Loader

Ford Tractors Equipment

Security Ford Tractor, Inc.
3828 Washington Blvd.
Baltimore, MD 21227
(301) 247-9600

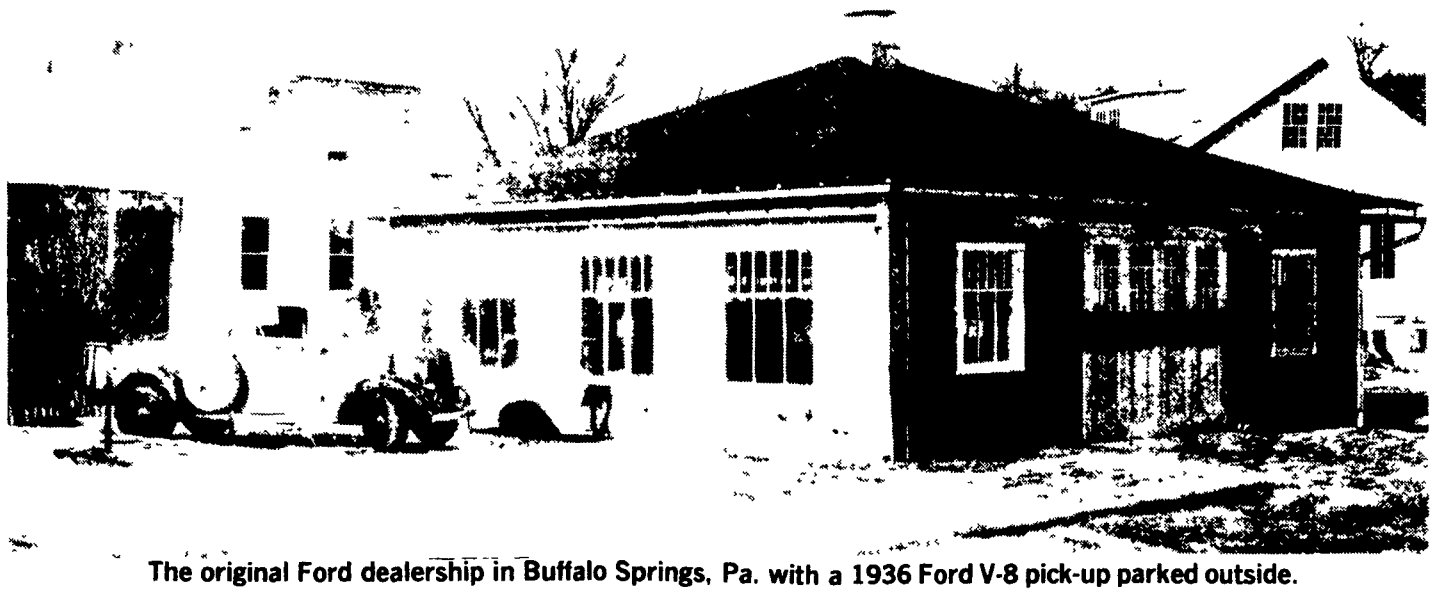
Del-Mar Ford Tractor, Inc.
Hwy. 42 at U.S. 13
Cheswold, DE 19936
(302) 678-8484

Keller Brothers Tractor Co. Enters Third Generation

Mark B. Keller, a farmer's son, left home at the age of 17 and traveled to Detroit, Mich. to learn about the new motorized highway vehicles.

Some years earlier another 17 year old farmer's son had also gone to Detroit. Henry Ford had the idea that the motor car and the tractor could be produced in sufficient quantity to be affordable to the average working man. By 1927 he had produced 15 million Model Ts and many tractors–with the help of the assembly line which he invented.

After two and a half years of assembling and rebuilding cars and trucks, Mark Keller returned home to Buffalo Springs to open a Ford sale dealership. The year was 1921 and the garage was built on his father's front lawn. Two years later the new company became a franchised Ford dealer.



The original Ford dealership in Buffalo Springs, Pa. with a 1936 Ford V-8 pick-up parked outside.

In ten years the business was doing so well that a large modern facility was constructed about two blocks to the east, toward Schaefferstown. Mark bought a second Ford dealership in Lititz, Pa. in 1939 and in 1966 an automobile outlet was built in 2300 W. Cumberland St., Lebanon, Pa.

When the founder of the business died in 1948, Mark's five sons were made officers, directors and owners of the Keller Bros. Corporations. Mark, Norman, Nathan, Monroe and Titus are all still active in the business. A third generation member of the Keller family, Thomas N. Keller, was named an officer and director and given management of the Buffalo Springs, Lititz and Lebanon corporations in 1978. Many of his contemporaries also are active in the various operations.

The Keller Bros. Tractor Co. has been managed by Chester Nicary since 1982. This company handles all of the farm and industrial tractors and equipment.

To meet the growing needs of the tractor division, some recent improvements have been made at the Buffalo Springs facility. In 1978, an 80 foot by 170 foot warehouse was built to house tractors and equipment and a 65 foot by 85 [illegible] addition was built onto the shop. "We feel that with the warehouse, we are able to buy right and deliver a good looking piece of equipment to the customer," said a company spokesman. The shop addition was to improve the efficiency of the dealer's mechanics.

This year a two-story parts room was added to support the needs of Keller Bros. customers and the sales lot has been expanded to display more of the inventory.

One of Keller Bros. more unique services is the company airport which is located right across the street for the benefit of their flying-farmer customers

Just last year the company added a special event that is destined to become an annual event–the Pedal Tractor Pull for customers' children. They call it a

(Turn to Page 12)

Agricultural, industrial and garden tractors make up part of the Keller Bros. inventory.

FULL 3-YEAR WARRANTY PLUS FREE MAINTENANCE FOR 3 YEARS!

THAT'S FORD TRACTOR CARE ON THE NEW FORD TW SERIES TRACTORS!

Buy a new TW-5, TW-15, TW-25 or TW-35 tractor, and Ford will pay virtually all the costs of repairs and maintenance for three full years, or 2,500 hours of operation, whichever comes first.

If anything should go wrong with your new TW Series tractor during that period, we'll fix it — Free! And we'll give you all the oil, lubricants and filters needed for recommended maintenance intervals. Plus belts, hoses and other maintenance items, too. About all you buy is fuel!

That's Ford Tractor Care! Stop in today for information on exactly what you won't be paying for during the next three years with a new TW Series tractor.

RECEIVE S & H GREEN STAMPS FOR CASH PAYMENT OF PARTS AND SERVICE

WE APPRECIATE YOUR FRIENDSHIP

Ford Tractors Equipment

KELLER BROS. TRACTOR CO.
SINCE 1921

PARTS ★ SALES ★ SERVICE

R. 7 Lebanon, Pa. 17042
Rt. 419 1 mile West of Schaefferstown, Buffalo Springs
Lebanon County
717-949-6501

NEW TOLL FREE NO.
1-800-822-2152

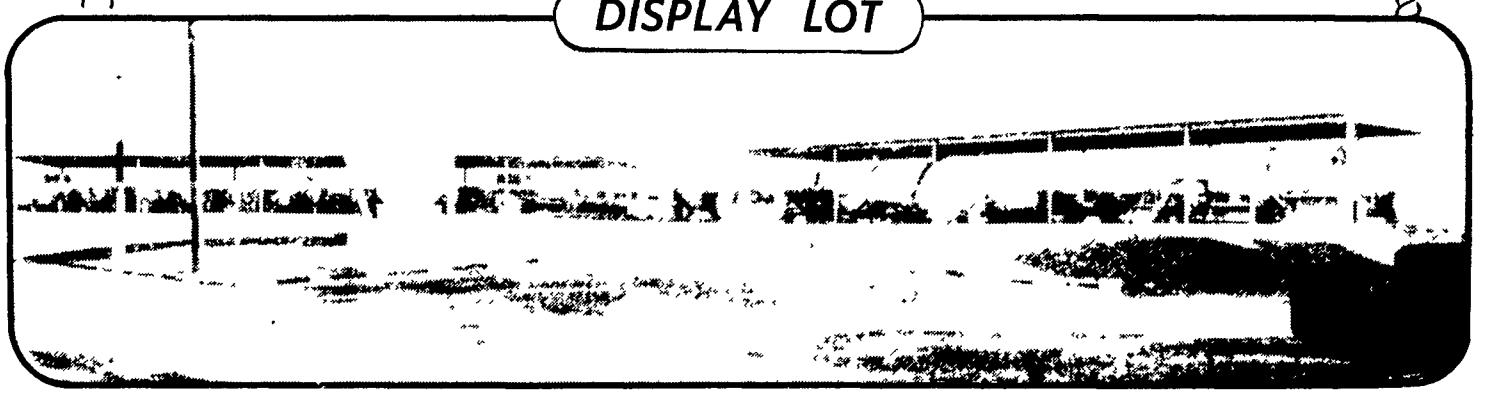
KELLER BROS. TRACTOR CO.

Lebanon R. No. 1

KELLER BROS. SALES Ford SERVICE BUFFALO SPRINGS

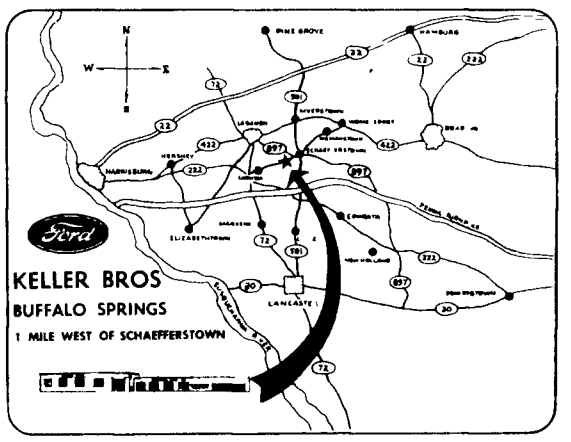
PHONE 949-6501
SCHAEFFERSTOWN

DISPLAY LOT



Ford TRACTORS EQUIPMENT

YOU Are The Most Important Person In Our Business



Stocky new Fords

For many jobs...they can do it!

New Ford 1000 Series compact tractors do many of those jobs you need done. And a whole lot more. Consider:

_____ mowing.
_____ plowing.
_____ loading.
_____ scraping.
_____ trenching.
_____ hauling.
_____ digging.
_____ tilling.
_____ sweeping.
_____ planting.

- ☐ Six models — 11.5 to 28.5 PTO horsepower
- ☐ Fuel efficient three-cylinder diesel power
- ☐ 10 or 12-speed transmission
- ☐ Optional front-wheel drive
- ☐ Live hydraulics
- ☐ 540 rpm PTO
- ☐ Cat. I 3-point hitch

Come see the stocky new Ford 1000 Series tractors for yourself. Then start thinking of the jobs they could do for you.

EXCEPTIONAL SELECTION OF GUARANTEED USED TRACTORS:

• (2) 8600 Fords • (1) 5000 Ford • (1) 7000 Ford

PARTS ★ SALES ★ SERVICE

Ford Tractors Equipment

KELLER BROS. TRACTOR CO.

SINCE 1921

717-949-6501

NEW TOLL FREE NO. 1-800-822-2152

Rt. 419 Between Schaefferstown & Cornwall, Lebanon County

FORD UNVEILS THE CUTTING EDGE!

POWER AND STRENGTH AT A GREAT LOW PRICE!

Benedict's Ford Tractor Double Size in 15 Years

Twenty years ago Robert Benedict combined the Gillett Ford Dealership in Wellsboro and the Harvey Dealership in Mansfield, setting up business at the Gillett sire. Four years later they moved into their current location next to the Tioga County Fairgrounds.

The area's farmers — predominantely dairy — and contractors account for half of Benedict's business while the remainder has made them the largest lawn and garden tractor dealer in the area.

This growth has forced them to double the size of the facility since 1968.

"In 1983 we were recognized by Ford for selling 300 percent of our tractor goal," said Benedict, "and we are running at about the same rate this year with lawn and garden sales up significantly."

Manager Byron Benedict, Parts Manager Cherl Shulenski and Serviceman Thomas Putman round out the Benedict team.

They offer new and used farm and industrial equipment, a complete parts inventory, a superior service department and operate 14 buses for the Wellsboro School District.

Keller Bros.

(Continued from Page 10)

token of appreciation for their customers but it has become a great time to renew acquaintances with normally busy customers.

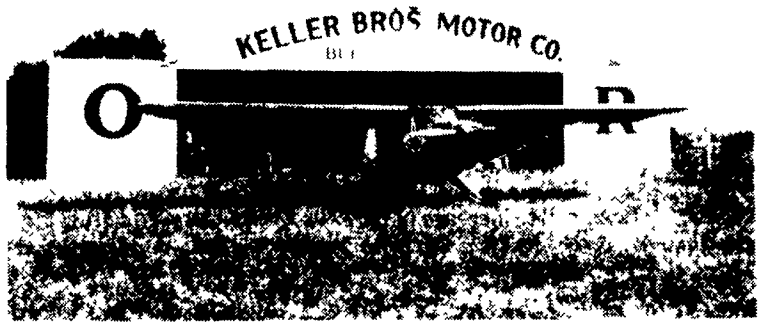
Keller Bros. Tractor Co. is looking forward to July's Tillage Field Days and to the Lebanon Fair in August.

The Buffalo Springs-based tractor company was recently cited for placing in the top 75 dealers in the nation for percentage of sales over objective. "Our goal is to be as fair and honest in all our sales efforts and be the best of service in our parts and repair operation."

Some of the people you will meet at Keller Bros. Tractor Co. are: Chester H. Nicarry, general manager; Paul H. Doutrich, service manager; Curtis M. Bucher and Neil A. Boyer, parts managers; Charles U. Bross, parts and warranty technician and Michael Wenger, parts clerk.

The Sales Representatives are: Charles D. Keller, David E. Keller, Leonard R. Schott and Richard L. Stauffer. Jacob H. Bross. Jere L. Brubaker, Scott Fisher, Titus E. Keller, Lawrence J. Mays, Darel Seibert and Fred Sprinkle are the service technicians.

Ernestine E. Houser is the accounts receivable clerk while Beverly A. Miller is the secretary and bookkeeper. Kim L. Eberly is a personal secretary.



Fly in for parts or sales, the Keller Bros. Airport, across the street from the dealership, is available to the flying farmer.

Dotterer is One of Country's Newest Ford Dealers

When the owner of Brooks Ford Tractor decided to go back to farming last year he asked Paul Dotterer to pick up his franchise and service his customers. Dotterer Equipment in Mill Hall, Pa., is now one of the country's newest Ford tractor dealers.

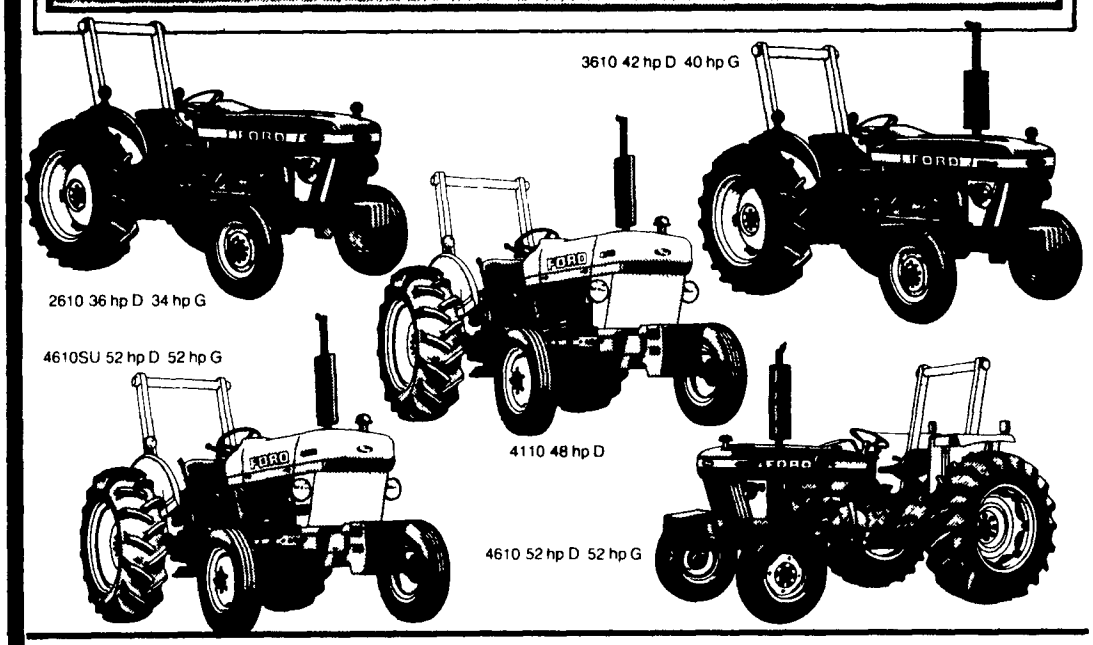
Mr. Dotterer is quick to point out to Brooks customers that, "We still have factory trained mechanics."

With new facilities, a new Ford franchise and a new name — it was previously Dotterer and Kolesar — business couldn't be much better. The new building was well planned and efficient for the business at hand.

Dotterer, and his eight employees, otfers a complete line of agricultural sales, service and replacement parts. They also sell lawn and garden equipment.

"We are going to have a grand opening as soon as things slow down" reports Dotterer. But as long as his customers need support, they will take care of those needs first.

BUILT TO WORK AS HARD AS YOU!



SERIES 10—THE NEW WORLD TRACTORS FROM FORD!

We have five new 34 to 52 hp* tractors with the hard working features you re looking for and some you never thought of! Come in and test one for yourself!

1. Powerful diesel engines deliver greater fuel economy than the models they replace
2. Optional synchromesh transmission lets you shift on the-go Shift levers are column-mounted
3. Improved power steering has quick response and low effort
4. New hydraulic power—optional second pump boosts capacity up to 14 1 gpm
5. Category I hitch with double-acting draft control
6. Add up to four closed-center hydraulic remote valves
7. Convenient smooth controls

Manufacturer s estimate

YOU OUGHTA TRY THE WORLD OF FORD NOW!

DOTTERER EQUIPMENT

Ford Tractors Equipment

RD #3 - Box 454
Mill Hall, Pa. 17751

Phone
(717) 726-3471

Put new pullin' power UP FRONT!

Ford tractors with front-wheel drive pull you through the tough spots!

- Four-wheel drive traction pulls you through tough and slippery going.
- Optional on all five 62 to 86 PTO hp* new Ford Series 10 World Tractors
- New center-differential design gives you a tighter turning radius, more ground clearance and greater front axle load carrying capacity than side drive systems
- Fully mechanical system built for power, efficiency and strength
- Engages and disengages on-the-go with a handy dash switch

Manufacturer s estimate

Come in and field test a new Ford Series 10 tractor with front-wheel drive!

Ford Tractors Equipment

Benedict's Ford Tractor
RD #2 Box 288
Wellsboro, PA 16901
717/724-2839

Allen H. Matz, a "Reliable" Ford Dealer

Reliable is the one word Allen H. Matz, Inc. would like people to think of when they think of his dealership.

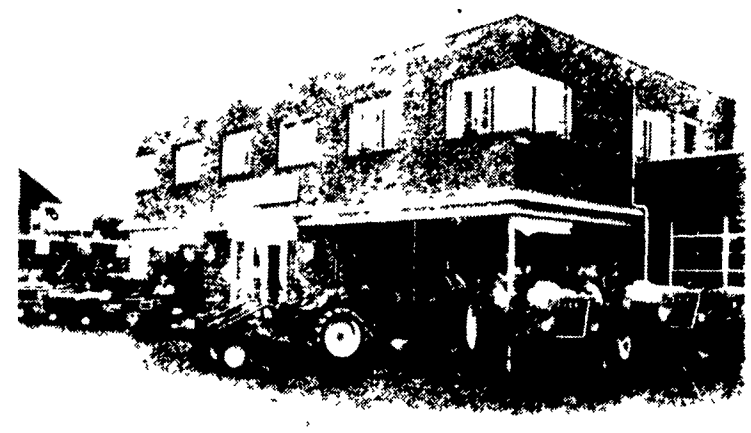
"We only sell reliable equipment that we can offer parts and service for," states Allen H. Matz, owner of the New Holland Ford dealership.

And reliable is exactly what they have been since 1944, making them one of the oldest individual dealers in Lancaster County. Mr. Matz started out at the 505 E. Main Street location as a salesman for Snavely Farm Service but in 1944 he bought the operation from them.

About 40 percent of the business is farm oriented with the remainder going to lawn and garden sales.

Hesian Chow has been Matz' mechanic for the last 13 years while parts have been run by Richard Seiverling for seven years. Ford has been part of the Matz business for 35 years.

"We are a service oriented agency," he concludes, "and I personally monitor the whole operation."



Allen H. Matz parks a garden tractor in front of his dealership at 505 E. Main St., New Holland, Pa. He's been a Ford dealer for 35 years at the same location.

Henry Ford Planned for Tractor Before Automobile

A little known fact is that Henry Ford began planning for the tractor long before the automobile, according to his autobiography, "My Life and Work," published in 1922.

His Model T was pouring off the assembly lines by the hundreds of thousands, however, before he built in 1917 the world's first mass-produced tractors and called them Fordsons.

Influenced by his boyhood experiences on his father's farm, he began working as early as the 1880's on a vehicle that might pull a plow.

"I have walked many a weary mile behind a plow and I know all the drudgery of it," he said. "What a waste it is for a human being to spend hours and days behind a slowly moving team of horses."

He was fascinated by the heavy, lumbering steam vehicles that already had been built and tried to improve them for "farm locomotives." His first experimental model, built largely from the remains of a mowing machine, reportedly ran only 40 feet. He built other, more successful models but soon abandoned them.

"I knew there was no difficulty in designing a big steam tractor for use on a large farm," he said. "But the manufacturing of a big tractor which only a few wealthy farmers could buy did not seem to me worthwhile."

His studies then turned to the internal-combustion engine — which wasn't weighted down by an unwieldly boiler or water tank, and which got is power directly from the explosions of its vaporized fuel.

It was then, too, that he concluded the farmer "would be more interested in something that would travel on the road than in something that would do work on the farm."

From that point on, he "practically dropped work upon a tractor until the automobile was in production."

"With the automobile on the farms, the tractor became a necessity," he said. "For then the farmers had been introduced to power."

By early 1917, he had turned out more than 50 experimental tractors. Even then, he would not have begun tractor production until much later but for the influence of World War I U-boats and airplanes.

Allied shipping headed for Great Britain was being sunk at the rate of half a million tons a month. To survive, Britain had to increase its own food productivity. Farm mechanization appeared to be the only hope.

Of several experiments conducted with tractors by the British Royal Agricultural Society, two Ford models were hailed as "a lightning flash from the clear sky of tractor engineering."

The first Ford tractor for Britain rolled off an assembly line at a small plant at Michigan Avenue and Brady Street in Dearborn, Mich. Mr. Ford called it a "Fordson," a condensed form of the firm name, "Henry Ford & Son."

The Fordson proved durable and reliable as well as economical. More importantly, it helped speed up British food production to such an extent that one British spokesman stated that without it, "the food crisis would in all probability not have been surmounted."

Henry Ford then turned to the American market in 1918 with his new concept in light-weight, low-cost design. Within three months, he was avalanched with 13,000 orders. He sold the early Fordson for $795 and was able to cut the price to a low of $395 a unit by 1922. With the economies of mass production placing the tractor within the reach of the average farmer, Fordson sales soared.

That was the beginning of an organization that now ranks as one of the world's largest tractor producers. Today, the descendants of the Fordson bear the name "Ford" and are marketed throughout the free world for the same purpose that Henry Ford foresaw as a boy.

BEFORE YOU BUY ANY SMALL DIESEL TRACTOR...

COMPARE IT TO FORD

Stocky Ford 1000 Series tractors offer quality you can see. Big tractor features. High-capacity hydraulics and efficient diesel engines. And they're backed by a full-time, full-service dealer!

Ford 1910–28 5 PTO hp
Ford 1210–13 5 PTO hp
Ford 2110–34 PTO hp
Ford 1510–19 5 PTO hp
Ford 1110–11 5 PTO hp
Ford 1710–23 5 PTO hp.
Ford 1310–16.5 PTO hp.

See for yourself at...

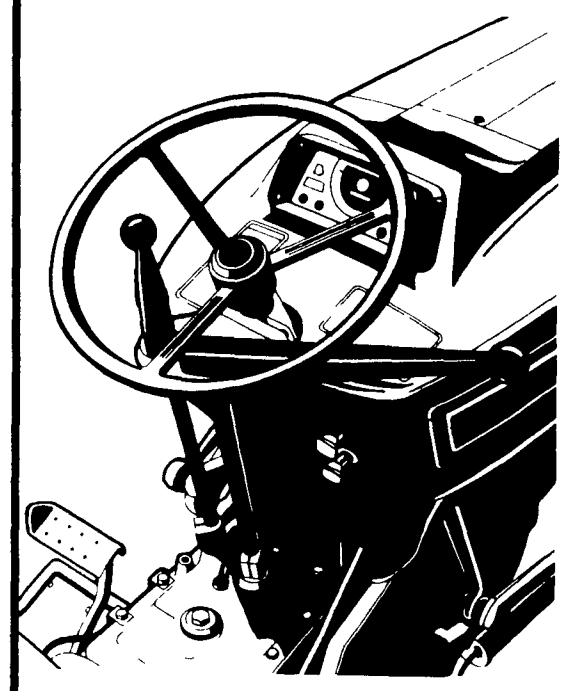
ALLEN H. MATZ, INC.

505 E. Main St. New Holland, PA 17557

PH: 717-354-2214

Serving The Community Thirty-Five Years

LANCASTER COUNTY'S OLDEST FORD DEALER



Ford Synchromesh Transmission

Ford Tractors Equipment

YOUR FORD TRACTOR DEALER HAS WHAT YOU'RE LOOKING FOR.

FORD TRIMS COST!

New Ford Yard Tractor

Ford YT-16
with optional 26-in rotary tiller

You can trim your lawn . and till your garden like a lawn and garden tractor does . . only you get more value with Ford's new yard tractor

It's loaded with quality features:

- Twin cylinder 16-HP engine
- Large tires for excellent traction
- Comfortable, spring-mounted, foam-padded seat
- Positive gear transmission
- Steering wheel adjusts up and down
- Fuel gauge and ammeter
- Sealed-beam headlights

To trim your lawn, there's an optional 42-inch rotary mower It mounts on the tractor's front axle to float over ground contours and help protect your lawn from scalping

To make fine seedbeds for your garden, there's an optional 26-inch rear-mounted rotary tiller

Put new pullin' po

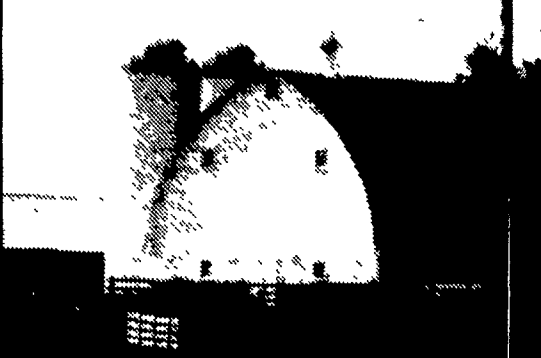
UP FRO

Ford tractors with front-whe pull you through the toug s

- Four-wheel drive traction pulls you through ugh slippery going
- Optional on all five 62 to 86 PTO hp* new Fo Se World Tractors
- New center-differential design gives you a ter radius, more ground clearance and greater nt a carrying capacity than side drive systems
- Fully mechanical system built for power, eff ency strength.
- Engages and disengages on-the-go with a ndy switch

**Manufacturer's estimate*

Come in and field test a new Ford Se 10 tractor with front-wheel drive!



PLUS COMPLETE PARTS AND SERVICE SUPPORT.

Parts backup you can count on. Your Ford Tractor dealer is geared to supply you with genuine Ford replacement parts. His large parts inventory assures you immediate pickup of nearly any Ford part you need. In those rare cases when the part you need isn't in stock, your Ford dealer simply phones the nearest parts depot to get your part on its way to you—fast! Participating dealers have a direct telephone link to a Ford computer for immediate parts action.

power
NT!

t-wheel drive
ugh spots!

ugh ugh and

w Ford Series 10

u a tighter turning
ater front axle load
ns

r, efficiency and

h a handy dash

Series 10

3-YEAR WARRANTY PLUS FREE MAINTENANCE FOR 3 YEARS!

THAT'S FORD TRACTOR CARE ON THE NEW FORD TW SERIES TRACTORS!

Buy a new TW-5, TW-15, TW-25 or TW-35 tractor, and Ford will pay virtually all the costs of repairs and maintenance for three full years, or 2,500 hours of operation, whichever comes first

If anything should go wrong with your new TW Series tractor during that period, we'll fix it—Free! And we'll give you all the oil, lubricants and filters needed for recommended maintenance intervals Plus belts, hoses and other maintenance items, too About all you buy is fuel!

That's Ford Tractor Care! Stop in today for information on exactly what you *won't* be paying for during the next three years with a new TW Series tractor

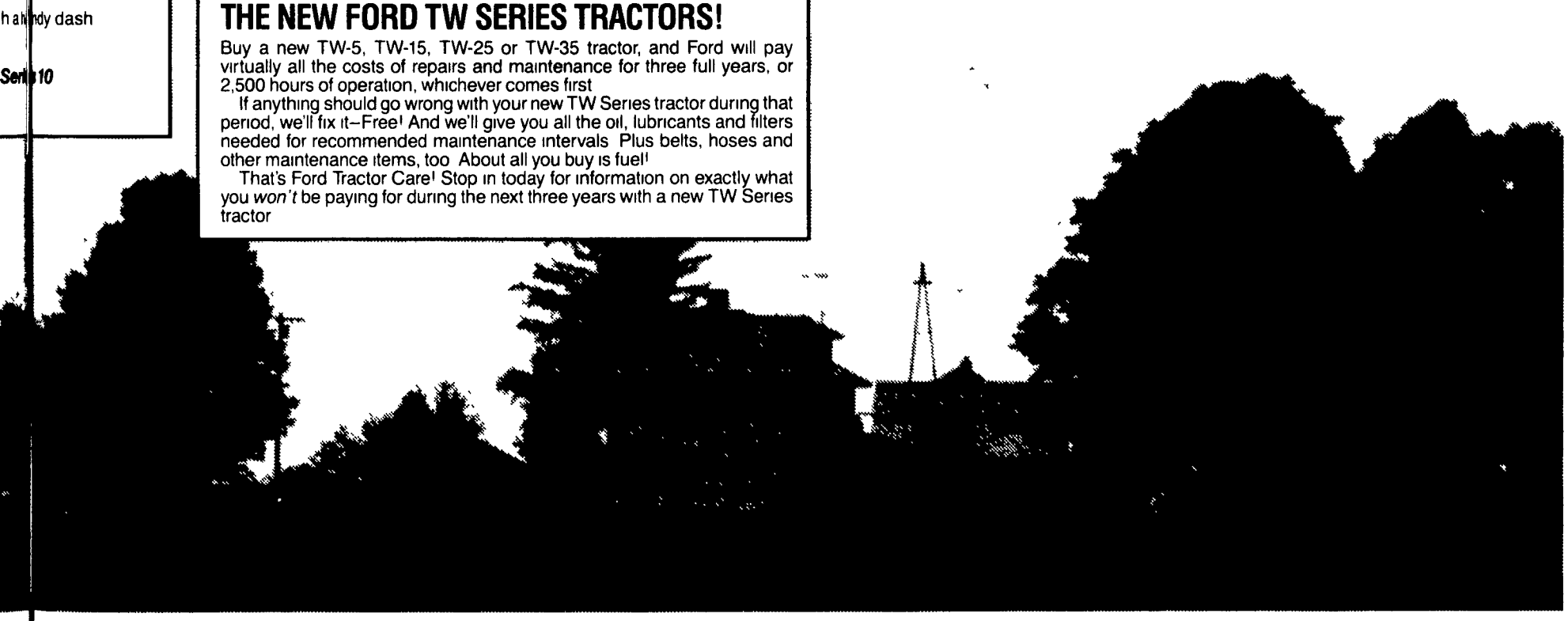
STOCKY NEW FORDS!

TOUGH NEW 1000 SERIES DIESELS UNDER 30 HORSEPOWER

Whether you want to mow an acre or a hundred dig a posthole or a sewer trench grade a driveway, plow a field or load a truck we've got a Ford 1000 Series tractor for the job!

These new compacts come with a combination of features you can't get anywhere else Smooth, efficient diesel engines Standard 10 or 12-speed transmissions Hydrostatic and Synchro Manual Shuttle transmission options Standard 540 rpm PTO and Category I three-point hitch. Diff-lock Optional front-wheel drive And a choice of more than 50 matching implements and attachments

So stop in soon and see the new 1000 Series tractors There's one just right for you!



Expert service and repair. Ford dealer mechanics have the experience, special tools and know-how to quickly and correctly repair your equipment. Their goal is to service your equipment properly the first time...on time.

Ask your Ford dealer about convenient financing, too.

To locate the Ford Tractor dealer in your area, turn to the listing in the back of this section.

Ford
Tractors
Equipment

Father-Son Team Started J and R Ford Tractor Sales

Ray White and his son John combined forces in 1968 to start J and R Ford Tractor Sales, Inc., at 30 W. Allen St., Mechanicsburg, Pa. Ray brought the skills of a successful contractor and John came into the business from his wooden wagon wheel factory in Mechanicsburg.

The elder White retired about five years ago, but his direction is still there.

"We plan to be in business for a long time," said Sales Manager Bill Nauss, "our service department is top-notch and our lawn and garden business is growing every year." He credits the 1984 Ford tractor line for being high quality machinery at a competative price.

The dealership sells new and used farm, industrial and lawn and garden equipment. They also have a complete parts stock and superior service.

"Our primary market has shifted from the medium sized to the smaller tractors." notes Nauss, "the 1000 series tractors have become the main-stay of our business since Ford started introducing the new models."

To provide additional service to their customers, J and R added a Western Auto Associate Store to the operation last year. This addition provides auto parts and accessories as well as the smaller home and garden items to the inventory.

John White is now manager of the operation and Bill Nauss handles the sales. William Bubb and Lawrence Ehlman each have 15 years in the service department while Mike Neller runs parts and Alva Gamber answers the phone and runs the office.

J and R Ford Tractor Sales, Mechanicsburg, was founded in 1968 by Ray White and his son John. John is now manager of the business following his father's retirement.

Walter G. Coale Says "Service Sells"

"Buy from a dealer who services what he sells," is what Ray Bent and Ed Garono would like potential customers to keep in mind.

Ray and Ed became owners of Walter G. Coale, Inc. of Churchville, Md. in May 1982 when the Coale family retired after 83 years in the business. The dealership is selling and servicing Ford's full line of lawn and garden, agricultural and industrial equipment along with many other related lines making this full service dealership. It has been a Ford dealership for 29 years.

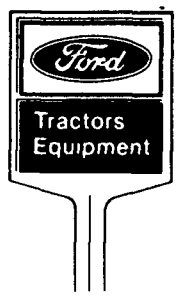
Service Manager John Main rounds out the management team for the Harford County Ford dealer.

In 1899 the company was a blacksmith shop with a line of general merchandise, all in one room. Today it is an ultra modern facility with parts, service and sales departments. For the new owners, that word service is the key word in the entire business.

And business, has not been bad, they have seen a steady increase during the last two years — sales are up 30 to 40 percent. In addition, rentals have become a growing aspect of the business. "Renting allows the farmer the use of machinery without tying up large sums of money," explains Ed Garono.

While they traditionally have an open house in March, field days have become more and more frequent. A field day makes it possible for the farmer to see new equipment and new techniques demonstrated right on the farm and in the field.

It all gets back to that one word philosophy — SERVICE!



CLEAN UP WITH A NEW FORD

The Stock NEW FORD 1710 With A Matching Loader Has What It Takes To Clean Barnyards, Feedlots or Horse Stalls Quickly And Efficiently

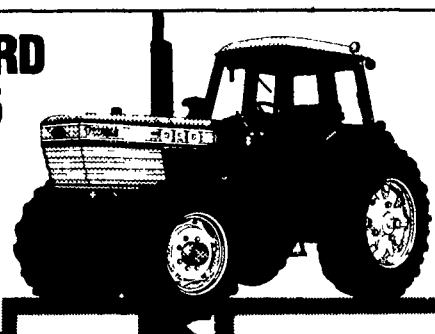
Ford 1710 Front-Wheel Drive Tractor with 770B Loader

SEE US FOR A FULL LINE OF FORD AGRICULTURE, INDUSTRIAL AND LAWN & GARDEN EQUIPMENT

J & R FORD TRACTOR SALES

30 West Allen Street
Mechanicsburg, PA 17056
717/766-0708

NEW FORD TW-25



STEP UP TO BIG TRACTOR MUSCLE!

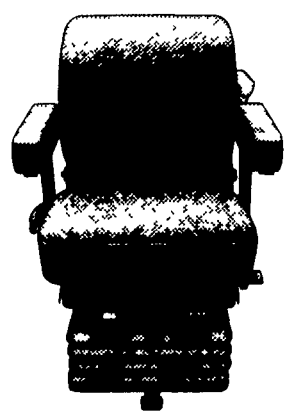
Meet a new Ford built to make acres roll by efficiently and comfortably Come in and take a close look at a new Ford TW-25

- FULL 3-YEAR WARRANTY PLUS FREE MAINTENANCE FOR 3 YEARS—virtually all you buy is the fuel and fluids for replenishment during the first three years or 2 500 operating hours assuming proper care and maintenance See us for details
- 140 PTO hp* turbocharged 401 cu in diesel engine
- 16-speed Dual Power transmission
- Optional front-wheel drive
- New hydraulic performance
- New Comfortizer seat—best seat on the farm

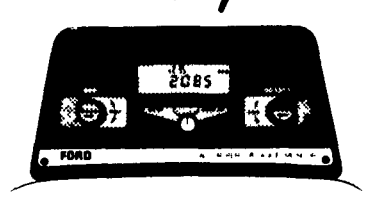
Stop by We have a TW-25 ready for you to test And after you do you ll know what tractor your farm needs Ford TW-25!

*Manufacturer's estimate

TW Series 5 and 25 In Stock And Ready For Delivery.



Ford Comfortizer Seat



Ford Performance Monitor

Contact Us For Latest Pricing, Finance and Leasing Information

WALTER G. COALE, INC.
P.O. Box 38
Churchville, Md. 21028
Phone (301) 879-1434

McGarvey Equipment Co.--A Family Business

Ford 7710 Front-Wheel Drive Tractor

When you do business with McGarvey Equipment Inc. at RD 1 Reynoldsville, Pa. you will probably be dealing with a member of the family.

J. Lynn McGarvey is president and Carla McGarvey is secretary-treasurer while Jim McGarvey runs the shop. But if you want parts, you will deal with the very capable John Clark.

From 1936 until 1958 the dealership was known as Smith Brothers in Falls Creek, Pa.

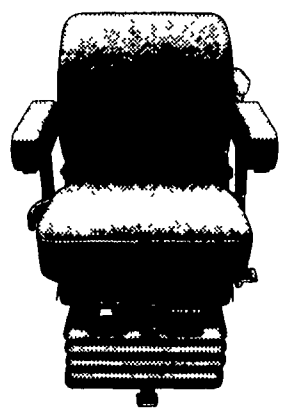
McGarvey moved into a new 50 foot by 100 foot building in 1962 which by 1967 had to be doubled in size. A year later a 60 foot by 100 foot show room and parts department was added to the facility. But there is still room to expand on the 40 acres of ground in Winslow Township, Jefferson County.

They offer sales and service on Ford farm, industrial and lawn and garden equipment. Service is provided in a modern equipped 12-bay shop by five factory trained mechanics.

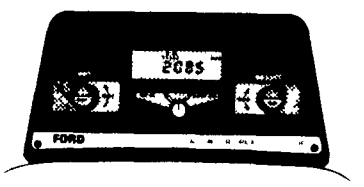
Tri-county customers will find weekly specials on used equipment and 9.75 percent financing on new Ford equipment.

BIG POWER

Ford 3610 Tractor with 776B Loader

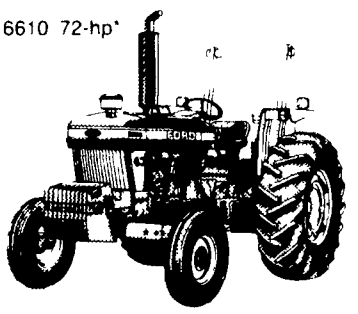


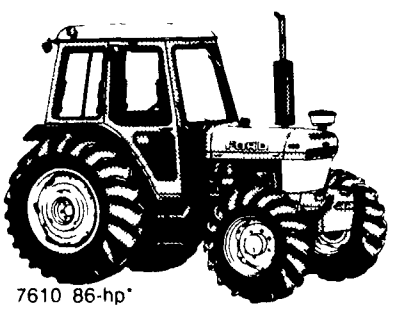
Ford Comfortizer Seat



Ford Performance Monitor

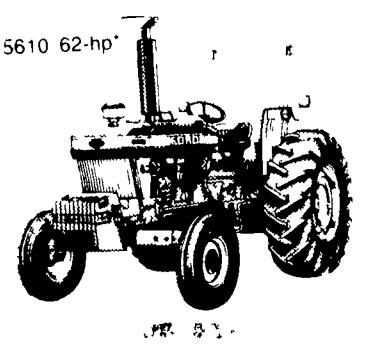
6610 72-hp*

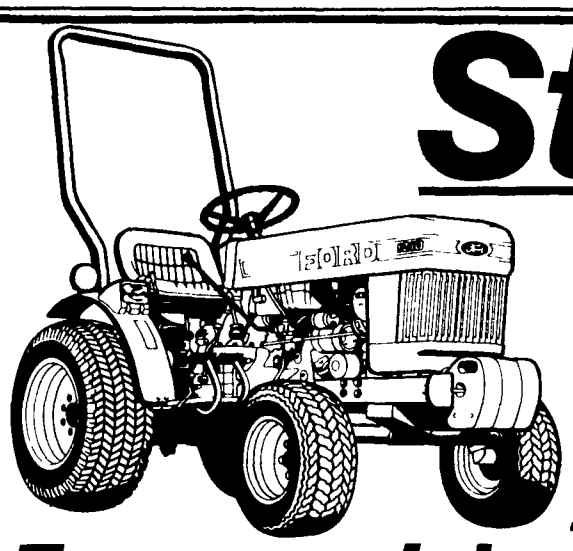




7610 86-hp*

5610 62-hp*





Stocky new Fords

For many jobs...they can do it!

New Ford 1000 Series compact tractors do many of those jobs you need done. And a whole lot more. Consider:

mowing.
plowing.
loading.
scraping.
trenching.
hauling.
digging.
tilling.
sweeping.
planting.

SPECIAL EQUIPMENT SALE

	List	SALE
Ford YT16 Lawn & Garden Tractor, Twin Cylinder, 44" Mower	$2,465	*$2,175
Leftover 1983 Ford Model 1200, 4WD w/Ag Tires		GREAT SAVINGS

Good Selection Of Used Equipment
Over 30 Tractors and 100 Pieces of Farm Equipment

Ford Tractors Equipment

McGARVEY EQUIPMENT, INC.
Route #1
Reynoldsville, PA 15851
814/653-9637

Ford Tractors Equipment

Charles S. Snyder, Inc. "Pulls" in Business

Charles S. Snyder Inc., Route 3, Tamaqua, Pa. really "pulls" in the business.

Owner-Manager Charles C. Snyder and his wife Jean are active in tractor pulling, having received the Pennsylvania Super Stock Puller of the Year Award for 1983. In New York state they had first and second in the 5000 pound class for the same year as well as a second in both 9000 and 12,000 pound super stocks and a third in 7000 pound super stocks.

Charles and Jean work both the Pennsylvania and New York circuits with three Ford tractors. In 1981 Jean was given the New York Super Stock Puller of the Year Award and in 1977 Pennsylvania gave them Dedication of the Year Award — the highest award given in the Keystone State. Sixteen years of pulling with Ford tractors has given them a new view of the tractor business.

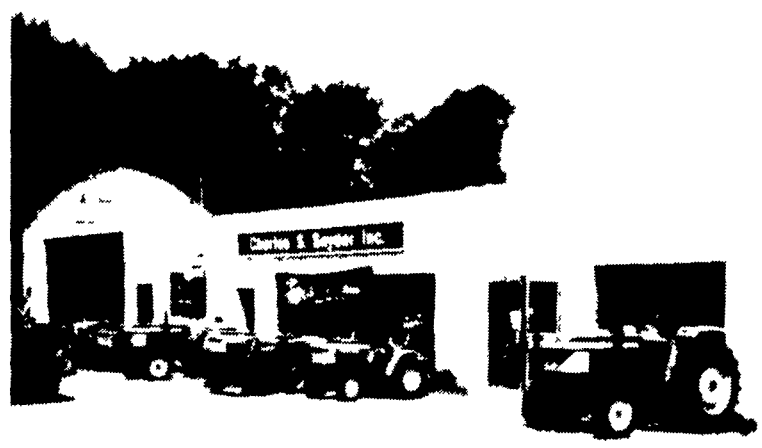
Just sixteen months before World War II began in 1941, Charles S. Snyder started selling Ford tractors for his farm. Eight years later a 40 foot by 40 foot building was erected at the present location along Route 443. By 1951 it was necessary to add a 30 foot by 90 foot parts and show room which was satisfactory until 1968 when more shop space was constructed. Then, in 1975 additional office space was built on which was added to in 1981 and a year later more parts and shop space was needed. And in addition to all of this, there is a 50 foot by 96 foot storage building which is not connected to the main facility.

Present plans call for no additional building — at last!

Charles S. Snyder remained at the head of the company until 1960 when Charles E. Snyder became owner-manager for 20 years. In 1980 Charles E. became a consultant and Charles C., along with Richard G. Knadler, became owners and managers. Richard is also the inventory controller.

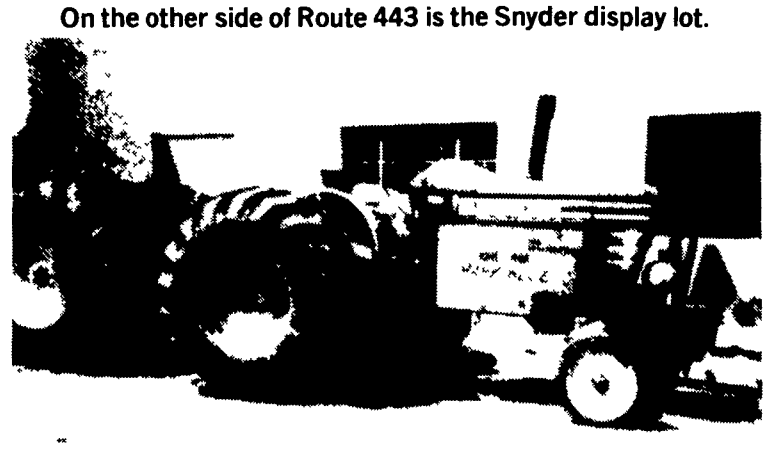
By far, the bulk of the Snyder business is in tractors and implements with about 10 percent of sales in the lawn and garden area.

They sold 50 tractors in 1983 and have received the Distinguished Dealer Award from the Future Farmers of America.



The main building of Charles S. Snyder Inc., Route 3, Tamaqua, Pa.

On the other side of Route 443 is the Snyder display lot.



Carrying the Charles S. Snyder banner throughout Pennsylvania and New York are three Ford pullers operated by Charles and Jean Snyder.

SNH Ceresville Boasts Large Parts Supply

The most complete stock of Ford and New Holland parts in six states can be found at Sperry New Holland Ceresville, 8102 Liberty Road, Frederick, Md.

They also boast a complete service shop providing service to area farmers.

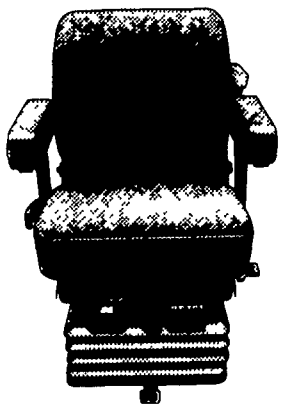
After starting in business in 1940 as the Ceresville Motor Company, about a half mile east of the present location, they moved to their current spot in 1959. Ten years ago they took on the Ford tractor line and business has been booming.

Robert Dinsmore, 19 years, Irvin Wagner, 10 years, Don Rippeon, 25 years, John Carbaugh, 29 years, Jerry Castle, 5 years, Kevin Dotterer, 5 years, Gloria Shaw, 29 years and Anna Marie Covell, 20 years, give stavility to the 44 year old dealership.

Last year, New Holland named them the top producing store in North America. Promotions like Summer Appreciation Prices help keep them on the top of the heap.

You'll find the largest stock of Ford and New Holland parts in six states in the Frederick, Md. dealership.

FORD TRACTOR SALE



Ford Comfortizer Seat

GO FORD AND SAVE!

MID-SIZED MUSCLE!

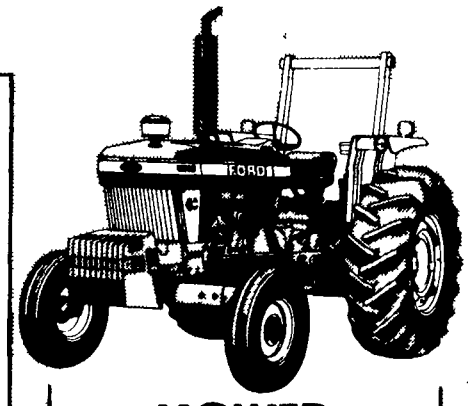
Meet the New 62-hp* Ford 5610!

Here's a new Ford tractor built to take on the tough chores in the field, or the feedlot Check out these features, then come in and see for yourself!

NEW FORD 340A TRACTOR-LOADER

The new Ford 340A now provides 48 SAE net engine HP in 192 CID Ford diesel 2,800-lb lift capacity loader has faster lift-dump cycles than before Now avaialble with 4x4 power-reversing torque converter transmission for shuttle loading, 6x4 or 8x2 transmission 3-point hitch lifting force increased to 2,040 lbs Powerful 12-ft Ford backhoe factory-installed option A great value for your money

HAVE YOU OPERATED A FORD TRACTOR-LOADER.... LATELY? ASK FOR A DEMO...TODAY!



MOWER PERFORMANCE!

Stocky New Ford Diesels With Hydrostatic Drive

Here's a combination that's hard to beat for fast, clean mowing — a new Ford 1110 or 1210 tractor with optional hydrostatic drive and mid-mounted mower

If you're looking to cut your mowing time, stop by soon and take a good look at the new Ford 1110 or 1210 tractor with hydrostatic drive!

SPERRY NEW HOLLAND CERESVILLE

8102 Liberty Road
Frederick, MD 21701

Phone
(301) 662-4197

Ford

TRACTORS
EQUIPMENT

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STORE HOURS 8:00 To 8:00 Monday Thru Friday
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Charles F. Snyder

GENERAL & SALES MANAGER
C. Chester Snyder

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Ken Oswald
(215) 767-1358

INVENTORY CONTROLLERS
Richard & Nancy Knadler

SALESMAN
Ken Heist
(215) 377-4753

SERVICE MANAGER
Leon Steigerwalt

OFFICE MANAGER
Jean Snyder

PARTS MANAGER
Terry Wehr

Henry Ford (left) built many experimental tractors before actually putting one into mass production. This experimental model, which he called an "automobile plow," was built in 1907. Gasoline powered, it was one of his first attempts toward a light, sturdy, inexpensive machine that the average farmer could afford.

Through the Years with Ford Tractor

1907 - Henry Ford builds one of his first gasoline-powered experimental tractors, capable of pulling a single-bottom plow, and calls it an "automobile plow."

1907 to 1916 - Mr. Ford builds more than 50 experimental tractors searching for the right tractor to put into production.

1917 - British government requests assistance from Mr. Ford in building large quantities of tractors to help raise urgently needed food to counteract the effect of enemy blockade during World War I.

October 8 – First Fordson rolls off assembly line at Brady Street and Michigan Avenue in Dearborn, Mich. Six months later, British order for 7,000 Fordsons is filled.

1917 to 1928 - U.S. Fordson production totals 739,977 tractors. For some years during the 1920's, 75 percent of all tractors built in the U.S. are Fordsons.

1929 - Ford tractor manufacturing is transferred to Cork, Ireland, and later to Dagenham, England. Fordsons built at two sites are sold in U.S. as well as United Kingdom and in export markets.

1939 - Ford builds in Dearborn the 9N tractor - one of the world's first production tractors with three-point hitch and a hydraulic system which enables the operator to raise or lower attached implements by hydraulic controls.

1947 - The 8N tractor is introduced.

1949 - Ford builds 103,463 model 8N tractors, the largest 12-month total of tractors produced to date by one manufacturer.

Ford pioneers industrial equipment business with introduction of industrial loaders, backhoes, and trenchers to team with the 8N.

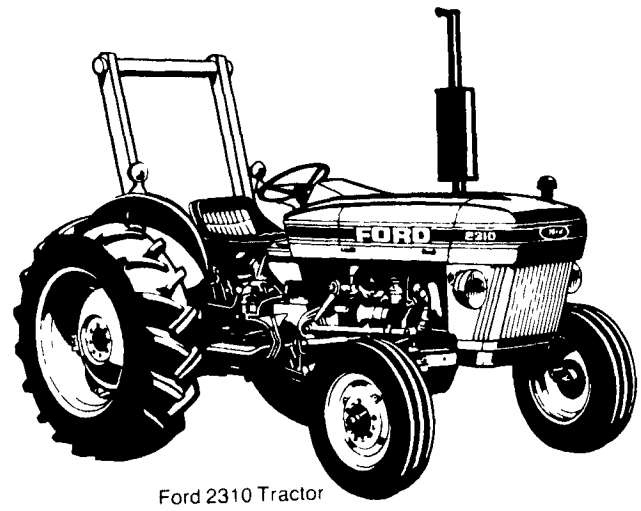
1952 - The Dagenham Plant produces the Fordson Major tractor. The Major becomes Ford's most widely exported tractor and establishes the company in many world markets.

1955 - Five new Ford tractor models in two power series are introduced in making the company a multiple tractor model manufacturer for the first time.

1956 - Ford becomes the first to introduce power steering as standard equipment in all row-crop farm tractors.

1958 - Ford unveils first American-built diesel engines for tractors (Ford models 901 and 801).

Ford announces company's first industrial tractors (Series 1800) available with a 2,500-pound loader.



Ford 2310 Tractor

1961 - Model 4000 and 2000 industrial tractors are introduced.

1962 - Blue and white selected as standardized colors for Ford farm tractors.

1964 - Manufacturing and assembly operations begin at new Basildon, England, and Antwerp, Belgium, plants.

Ford announces a single series of tractor models for worldwide markets – tractors to meet power needs of farmers throughout the world.

1965 - Ford lawn and garden tractors debut.

1967 - New Romeo, Mich., Equipment Plant assembles its first industrial tractor-loader-backhoe rigs.

Ford introduces model 5500 industrial tractor-loader-backhoe – largest in TLB line.

Ford unveils "Auto-Dig," a revolutionary tractor backhoe option that automatically assists digging cycle.

1968 - First 100-horse-power-plus Ford farm tractor – the model 8000 – is introduced.

1969 - Ford introduces 131-horsepower model 9000 farm tractor – most powerful Ford tractor produced to date.

1971 - Ford introduces 83-horsepower turbocharged, model 7000 farm tractor with revolutionary Load Monitor – a hydraulic draft control system designed to boost productivity through more versatile implement control.

Rider mower and chain saw lines unveiled as company forms new Consumer Products Department.

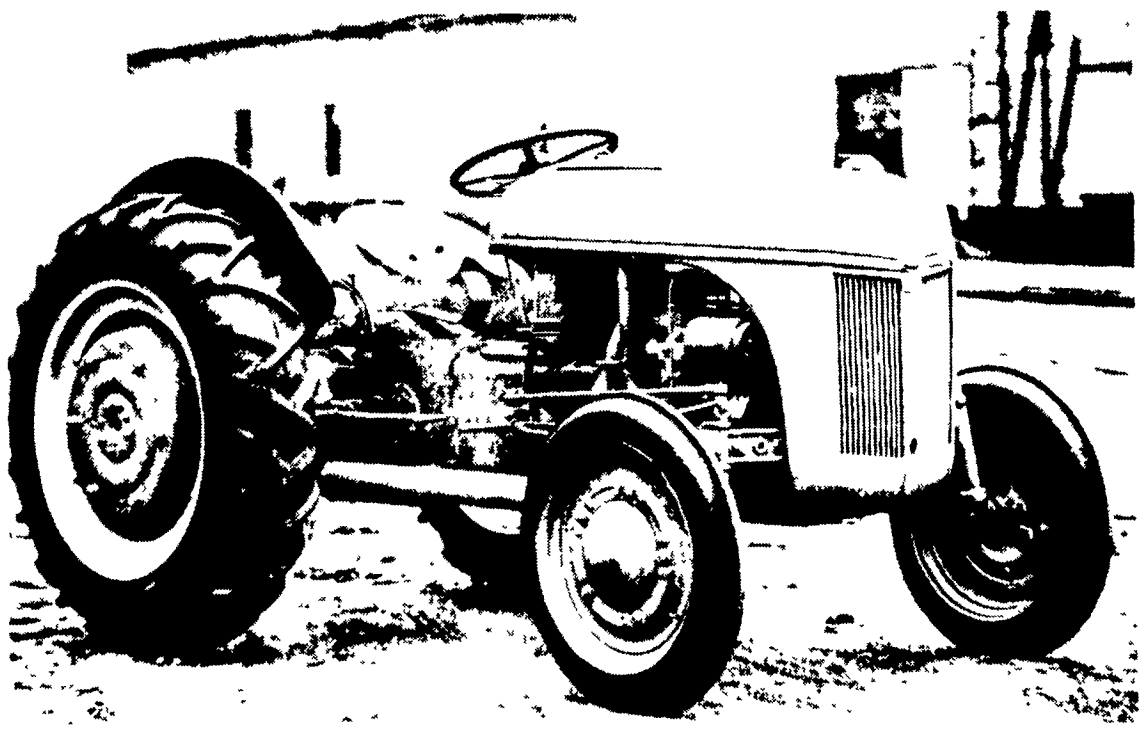
1972 - Expansion of Romeo, Mich., facility announced. It will consolidate work previously done at plants in Des Moines, Iowa; Highland Park, Royal Oak and Romeo – all in Mich.

1973 - Ford expands range of farm tractors, introducing new bottom-of-the-line model 100, 23-horsepower, and 135-horsepower model 9600, Ford's largest, most powerful.

New top-of-the-line model 7500 and 6500 tractor-loader-backhoes announced by Ford.

1974 - New walk-behind lawn

(Turn to Page 22)



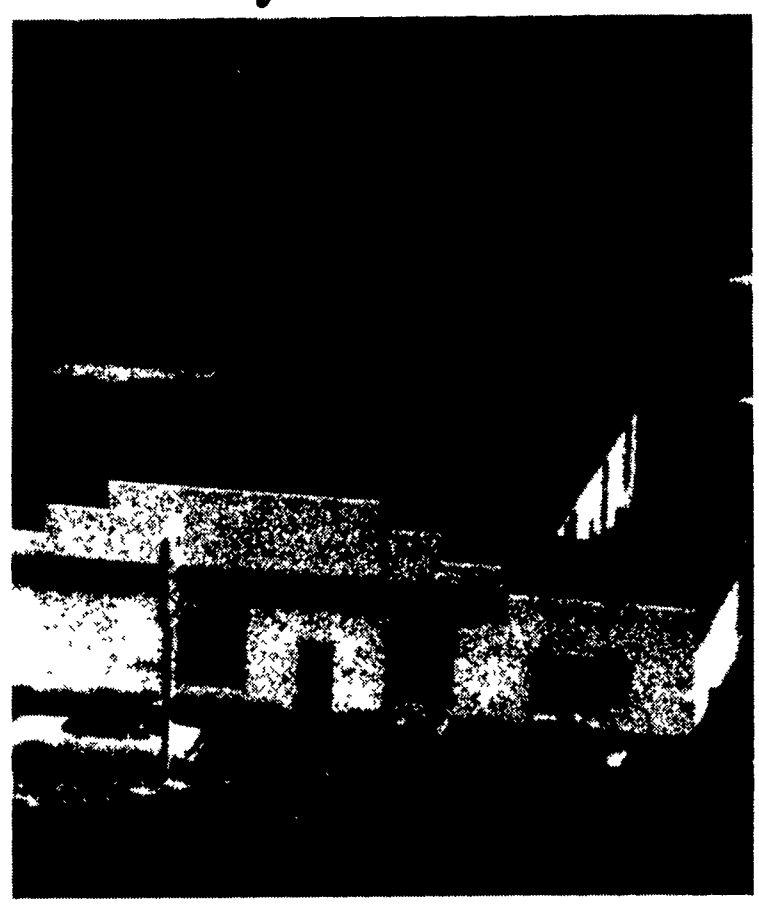
Ford 9N

"Doc" Hoover Cited by Local Jaycees

A few years ago the local Jaycees decided that D.W. "Doc" Hoover would be named "Boss of the Year". His employees won't argue the point and his customers seem to think Ford should consider him for "Dealer of the Year".

When the Martinsburg, Pa. Ford dealership opened in 1962 it was called Hoover Brothers but Robert died in 1977 and Doc incorporated the business.

Most of the Hoover business is new tractor sales, service and parts but the lawn and garden business is picking up. "These diesel tractors have made up the bulk of our business for the last few years," Doc reveals, "we are still in the farm tractor business but we are specializing more on the small tractors."



Located in Martinsburg, Pa., D.W. "Doc" Hoover, Inc. supports customers in Blair, Bedford, Huntingdon and Centre Counties.

With nearly four years of experience in the computerized Ford parts network, Hoover ships parts daily to customers — frequently through United Parcel Service.

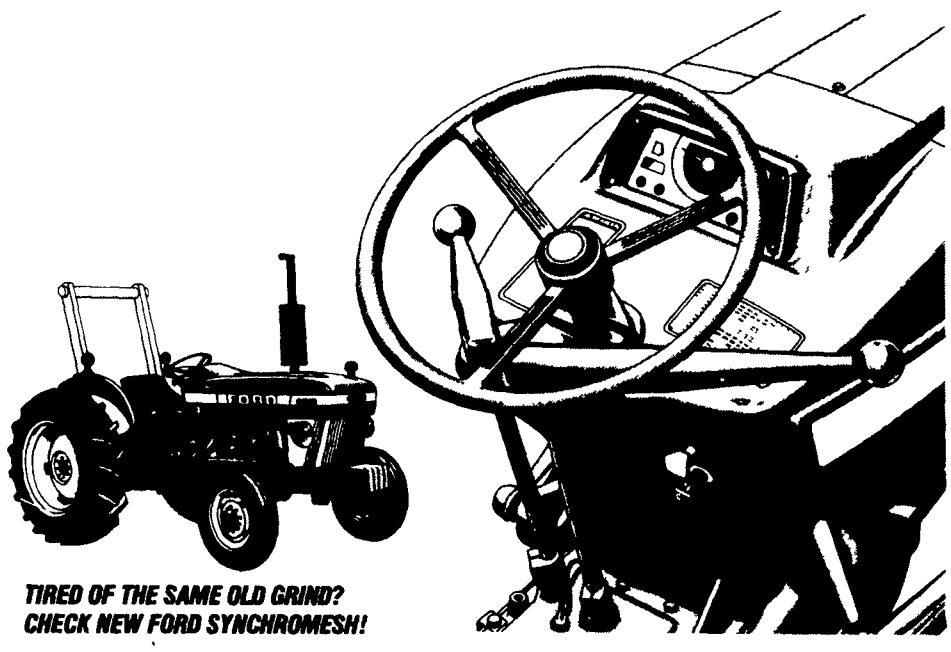
The repair force consists of factory trained mechanics who have won Ford recognition. Service Manager Brian Russell and Mechanic Rodney Brumbaugh are Ford certified mechanics. Doug Hoover takes care of the parts department and Donna Smith does the bookkeeping chores. Donna has been with the dealership since it began in 1962. She can remember the original building doubling in size and a second building being constructed in 1980.

According to Doc, business is picking up this year and, although there are no current plans to expand, they have bought two adjacent acres — just in case.

Again this year, D.W. "Doc" Hoover, Inc. will be active in the Fourth of July Celebration in the Morrison's Cove area. Central Pennsylvanians will be treated to an agricultural parade and a fairgrounds display through July 8. Stop in and say hi.

FORD. For whatever needs doin'!

NEW! SYNCHRO-SMOOTH TRACTORS FROM FORD!



TIRED OF THE SAME OLD GRIND?
CHECK NEW FORD SYNCHROMESH!

Here's a smooth new Ford transmission you'll find mighty easy to get along with! It's available on all 10 new Ford World Tractors, from 34 to 86 hp, and it really puts their power to good use. Check these advantages, then come see just how good it is!

- Synchronized gearing lets you shift on-the-go under light loads, and eases shifting under most other conditions.
- Shift levers are column-mounted or to the side. They're in easy reach, to make shifting much mroe convenient. And, the levers don't get in the way of your feet when you're getting on or off.
- 8 forward and 4 reverse speeds — evenly matched and well spaced to let you match ground speed and engine speed precisely to the job at hand.

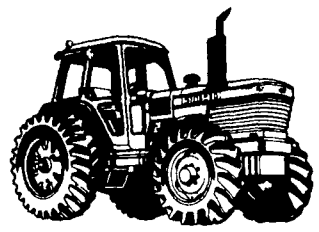
synchro shifting ease!

Stocky new Fords with Synchronized Manual Shuttle transmission

Here's just the thing for loader work and other shuttle operations. the Ford Synchronized Manual Shuttle transmission, available on four new 1000 Series tractors

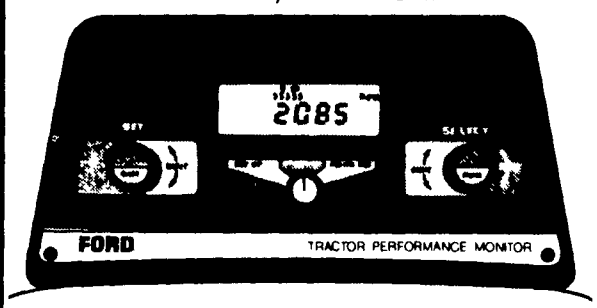
The column-mounted main shift lever is fully synchronized for non-stop shifting Straight-throw gear changes between second and reverse help make for smooth shuttling

- New 3-cylinder diesel engines (except 1110)
- Built-in live hydraulics
- Standard 540 rpm PTO
- New adjustable comfort seats
- Optional front-wheel drive
- Double-reduction final drive



New Ford TW Series TRACTORS WITH BRAINS

COMPUTERIZED PERFORMANCE MONITOR MEASURES WHEEL SLIP, ASSURES AN ACCURATE GROUND SPEED READING FOR PRECISION CHEMICAL APPLICATION, TELLS YOU HOW MANY ACRES YOU'VE COVERED, AND MORE.



The new Ford TW Series computerized Performance Monitor gives an accurate read-out of

- Wheel slip
- Actual ground speed
- Engine rpm
- Acres per hour
- Average acres per hour
- Total acres covered

The factory-installed top-quality system is optional on the new 105 to 170 PTO horsepower TW Series tractors * The TW-5 TW-15 TW-25 and TW-35 the only tractors in America with a full warranty and free scheduled maintenance for the first three years or 2 500 operating hours Stop in soon for details

Manufacturer's estimate

D.W. "DOC" HOOVER, INC.

RD #2
Martinsburg, Pa. 16662

Ford Tractors Equipment

Phone (814) 793-2128

Check the new mid-size Ford World Tractors... 62 to 86 hp*

- ☑ Diesel engines deliver more power and better fuel economy than the models they replace
- ☑ Choose either 8x2 dual range or the new 8x4 synchromesh transmission Both are available with Dual Power for 16 forward speeds
- ☑ Optional mechanical front-wheel drive engages on-the-go with a handy electrical switch
- ☑ New hydraulic systems up to 18.2 gpm capacity Improved control Add up to four, closed-center remote valves
- ☑ Category II hitch
- ☑ PTO has smooth, easy-to-feather engagement
- ☑ New power-steering system offers quick response, low effort
- ☑ New styling features a hinged front shell for easy servicing on most models
- ☑ Optional comfort cab

You oughta try the world of Ford now!

*Manufacturer s estimated PTO horsepower

Sweigard Brothers Nears 50 Year Celebration

George Deppen, vice-president and manager of Sweigard Brothers in Halifax, Pa. is aware that 1987 is only three years away. In that year the dealership will celebrate 50 years of selling and servicing Ford tractors.

Until 1962 the business was operated from the Sweigard farm, 4 miles southeast of Halifax in Powell's Valley. The move put the venerable operation just south of Halifax and gave them the room to add the lawn and garden line. Since then another building was added for storage to make room for more shop and parts space.

The parts department is a source of pride for Sweigard's Deppen explains that "customers have been known to drive a great distance because they know that Sweigard has the parts."

Business was excellent both last year and this year and there is some discussion of future expansion.

Raymond Sweigard, one of the founding brothers, is president and his son Kenneth is the dealership's repair and refrigeration wizard. But Deppen calls all nine of the dealership's employees "key employees".

Local FFA chapters know that when they need facilities and equipment they can count on Sweigard. In return, Raymond, Kenneth and George have all received honorary farmer degrees from the association. Raymond is past president of the Twin Valleys Lions Club and Kenneth is a perpetual leader of the Upper Dolphin Livestock Club.

This community minded dealership has also helped out the Halifax Area Ambulance Club.

Through the Years

(Continued from Page 20)

mowers, snow throwers, and rotary tillers are introduced.

Assembly operations begin at expanded Romeo Tractor and Equipment Plant.

Ford enters construction equipment market with three articulated, four-wheel-drive loaders.

1975 - Twenty-four new agricultural tractors ranging from 30- to 86-horsepower introduced and a versatile 56-horsepower model 550 industrial tractor leads a lineup of 17 new industrial and utility tractors. Ford's model 550 features flat deck deck design, new front end loader, greater operator comfort and convenience, and outstanding performance in loader and backhoe operation.

1976 - New Series of farm tractors with factory-installed, noise-controlled cabs introduced.

New lawn and garden tractors ranging from 10- to 16-horsepower featuring low operating noise levels introduced.

1978 - Ford introduces a new series of backhoes with increased lift and digging capability.

1979 - New TW Series and 1000 Series tractors, and a new front-end loader series are introduced.

1981 - FTO and Nacional Financiera, S.A., a major development bank in Mexico, formed a multi-million-dollar company to expand the manufacture and sale of Ford farm tractors in that country.

1982 - Ford tractor dealers in North America introduced 11 new mid-range Series 10 farm tractors with redesigned diesel engines, better fuel economy and more precise hydraulic controls. The new models represent a $100-million, five-year development program

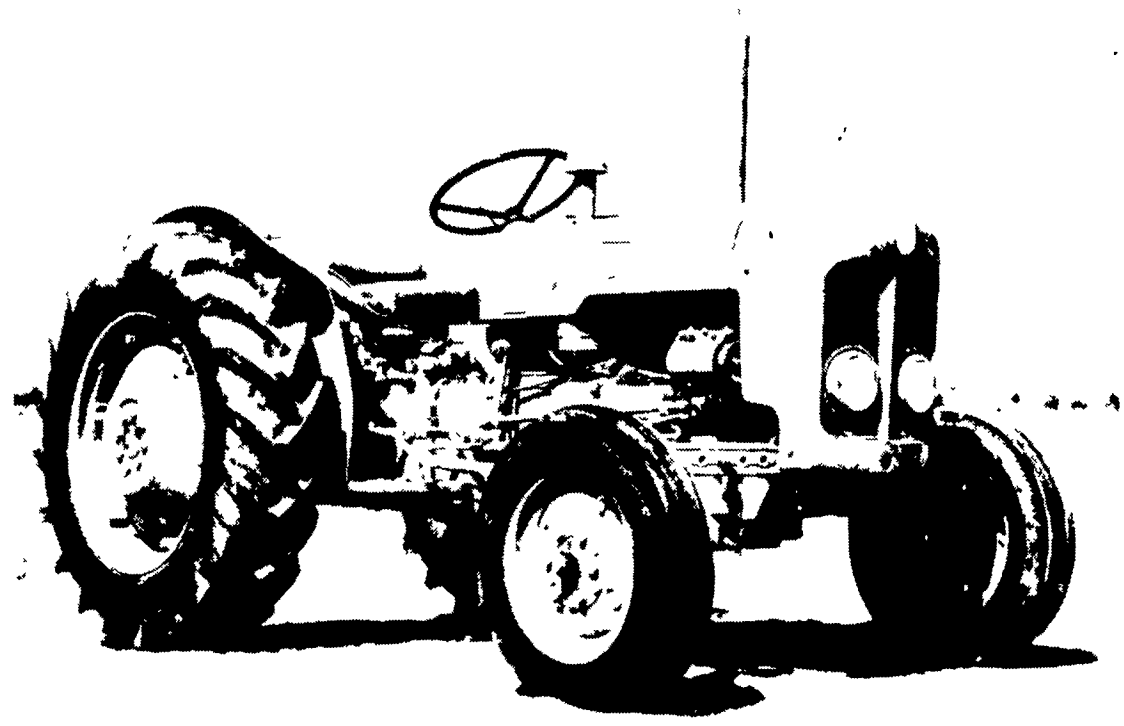
1983

Four big new TW series tractors ranging up to 170 PTO h.p were introduced in the spring at 1983, providing the most power and widest selection ever manufactured by Ford in the over-100 h.p.-class.

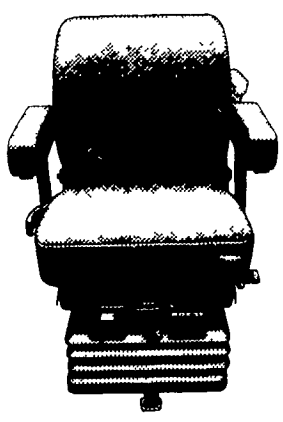
With the new TW series Tractors came an Industry First — 3 years or 2500 hrs. warranty plus all materials needed for scheduled maintenance at no cost to the purchaser. "The only operating expense for new TW series tractor buyers during their first three years of ownership will be the cost of fuel," according to our R.J. Nicolazzi, General Operation Manager of Ford Tractors North American sales operations.

The Compact diesel tractor line was up graded w/increased horse power, new hydrostatic and syncro-manual-shuttle transmission options, attractive new sheet metal styling and other improvements.

7710 86-hp



Fordson Dextra



Ford Comfortizer Seat

FORD TRACTOR SALE

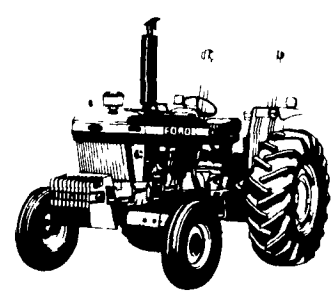
Ford

Ford Tractors Equipment

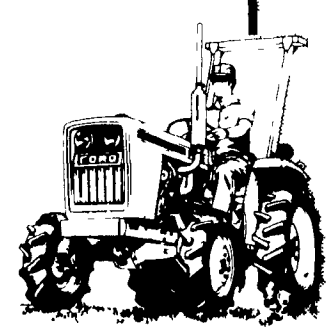
BUY NOW AND SAVE ON A TOUGH FORD TRACTOR

Ford Tractors Equipment

Big TW Series tractors – 110 to 163 PTO horse power The TW 30 features exclusive air to air intercooling for more usable horsepower better fuel economy



New Series 10 Tractors — New 34 to 86 PTO horsepower engines give you big lugging power better than ever fuel economy Improved hydraulics Easy engaging PTO Optional shift on the go synchromesh transmission



Thrifty 1000 Series diesels — 13 to 30 horsepower with big tractor features like built in hydraulics 10 or 12 speed transmission and 540 rpm PTO

NEW TRACTORS IN STOCK

TW20 FWD

7710 1710

6600 1510

SWEIGARD BROTHERS

RD #3 - Box 13

Halifax, PA 17032

(717) 896-3414

Smith Tractor Remembers "Iron Wheels"

Remember when Ford tractors had iron wheels?

Smith Tractor in Washington, N.J. certainly does. It was 1929 when the Smith Motor Company started selling the iron monsters. Only four years earlier Charles C. Smith had obtained a Ford motor car franchise.

With seven service bays and three full-time Certified Ford Mechanics, Smith Tractor has a commitment to customer service. John H. Smith, owner of the franchise since 1974, feels strongly about service. "We strive for service at our place," he notes, "they can buy the same tractor at a lot of other dealerships — the thing that differentiates dealerships is the quality of service." Pridefully he says they have seen a lot of other dealers come and go.

Smith reports that the big trailer market is a bit slow right now but that they are doing exceptionally well with tractors for the week-end farmers and homeowners. In addition, increased housing starts means an increase in the industrial equipment market.

They have kept pace with the improving market winning several sales contests by exceeding Ford established goals.

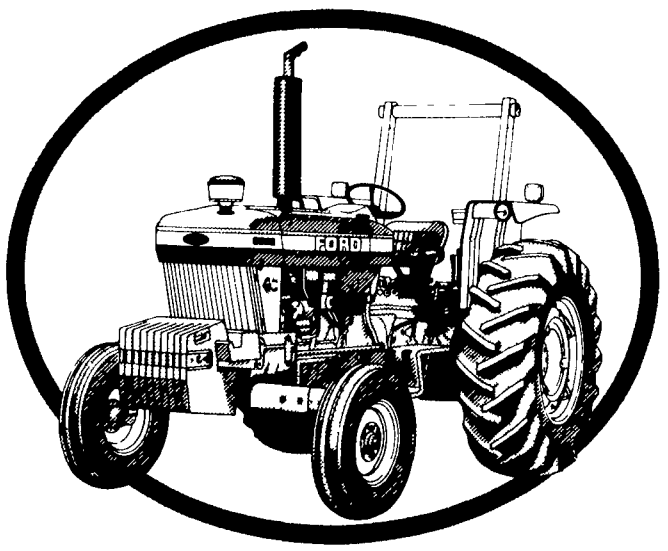
Look for the Smith Tractor displays at the Flemington and Sussex County Fairs. Plan also to visit their open house "next Spring before the crops go in."

Frank L. Meixel Maintains Good Reputation

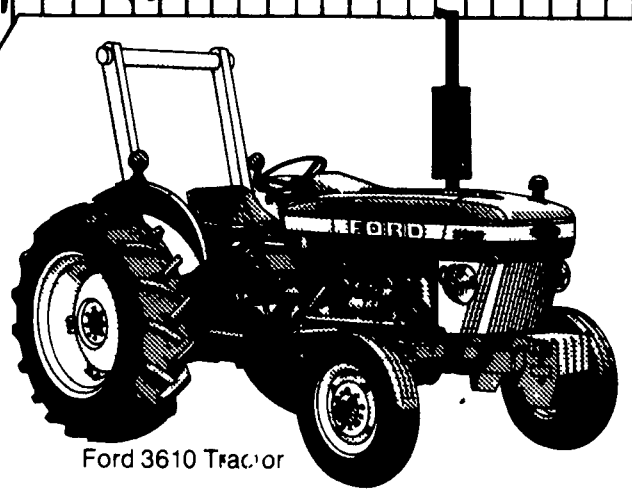
"I don't want to get too big, I just want to maintain my good reputation with good service," says Frank L. Meixel.

His Ford tractor dealership on Pa. Route 880 in Rauchtown has been selling quality Ford equipment and providing his customers with parts and service since 1965. The business began in 1944 as an auto repair shop until he took on the Ford line 21 years later.

Today Frank and his son Michael make up the ownership, sales, service and parts departments of the dealership. They support the dairy and crop farmers with a consistent brand of family-oriented service.



Ford Tractors Equipment



Ford 3610 Tractor

WITH A TOUGH NEW FORD SERIES 10 TRACTOR.

There are ten new Ford Series 10 tractors built to take on your tough world of farming, year after year

These new 34 to 86 PTO horsepower* tractors have the productivity-boosting features today's farming demands. Just as importantly, Series 10 tractors are built to be around tomorrow—wth low rpm engines, easy servicing, and plenty of iron where it's needed

*Manufacturer s estimate

Meet Series 10...
The new World Tractors from Ford!

New Model 3610 and 6700 In Stock And Ready For Delivery

FRANK L. MEIXEL
RD #2 Jersey Shore, Pa. 17740
(Rte. 880) Ranchtown
(717) 745-7422

Ford Tractors Equipment

Ford Tractors Equipment

BIG
CAPACITY HYDRAULICS!
New 34 to 86-hp* Ford Series 10 World Tractors!

SUMMER SPECIALS

WE'RE DEALING ON NEW FORD TRACTORS

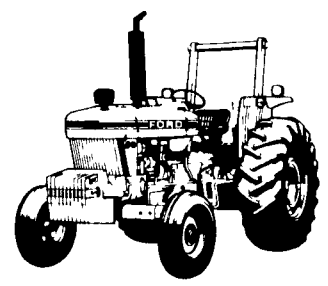
SERIES 10

IN STOCK AND READY TO GO
Ford TW15 with 4WD, Cab & Air
Ford 7710 with 4WD, Cab & Air
Ford 7710 with 2WD, Cab & Air
Ford 6610 All Purpose Tractor

SERIES 10

Ford TW-15 Tractor

Ford 7710 Front Wheel Drive Tractor



Ford 6610 Tractor

SUMMER USED TRACTOR SPECIALS

Ford 7000 WF	JD 4010
MF 1085	IH 706

SMITH TRACTOR & EQUIPMENT, INC.
15 Hillcrest Ave.
Washington, NJ 07882
201/689-7900

Ford Tractors Equipment

Ford Tractors Equipment

Andover Tractor & Equip. Changes with Times

Andover Tractor & Equipment Inc., in the northwest corner of New Jersey is watching its environment change slowly from rural to suburban. That means a subtile in change in business for this 14 year old Ford tractor dealer.

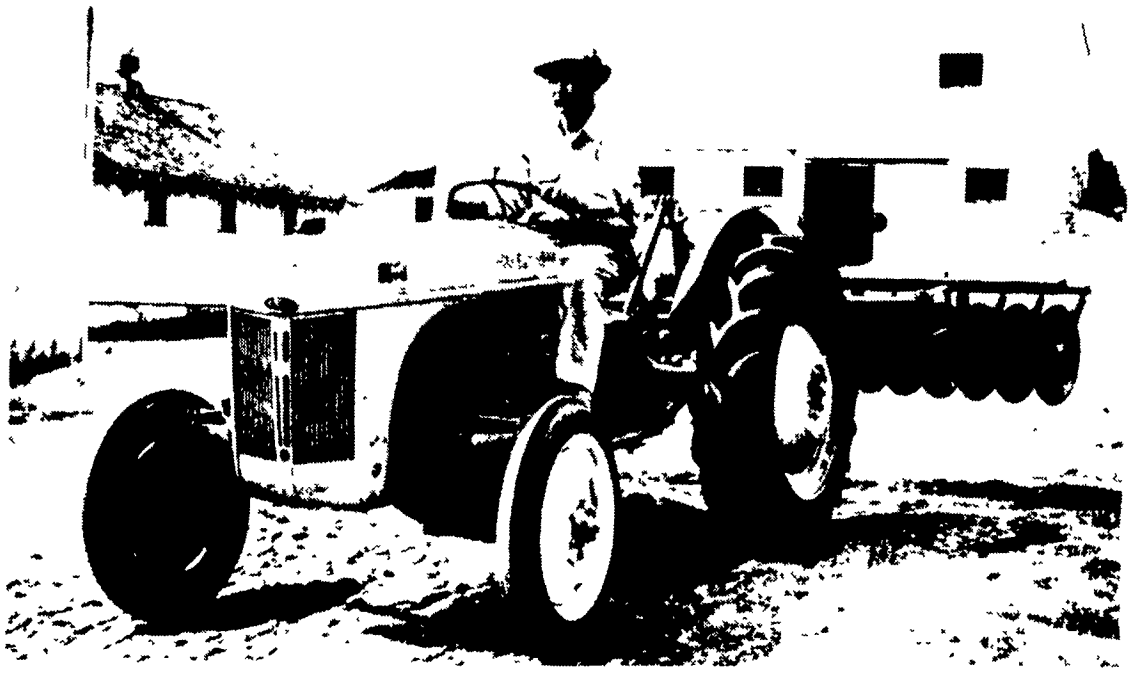
Only 45 miles from New York City, Edward J. Smith, Andover manager, has been quite a few larger farms sold out as 5-10 acre farmettes. While business at Andover is generally up, the sales of large farm tractors is down significantly. The Ford 1000 series small diesel is the top seller among the suburbanite-farmer.

With the up-turn in the housing industry, Smith has been a big increase in industrial sales — particularly the Ford 555 tractor-loader-back hoe. "For the last few years our industrial customers have been getting along with what they had, putting off repairs and new equipment purchases," notes the Andover manager. That has changed and the construction industry is now buying replacement equipment.

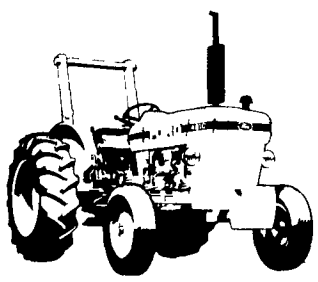
This award winning dealership still support a major dairy-farming area, but the focus of that support is repairs and parts which Smith calls the most important thing that Andover does. "We have to give good service so that we get our customers to come back to us over and over again," Smith explains. That philosophy appears to be working as plans are in the works to expand the facilities within the next two years.

Everything in the Ford line is available through Andover Tractor including new and used tractors and implements, industrial equipment, parts and service as well as the entire lawn and garden line.

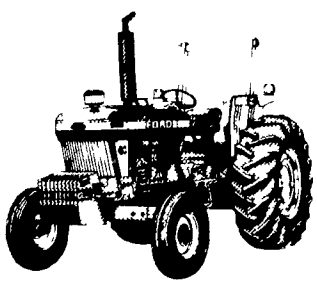
The people who make up Andover Tractor & Equipment are: Smith; Lindsey W. Dwyer, parts and service; Etta Davis, office and the shop crew of Doug Scott, Gerald Walker and Owen Aukema. Some of these people will be at the Andover display at the Sussex County Farm and Horse Show, Aug. 5-12.



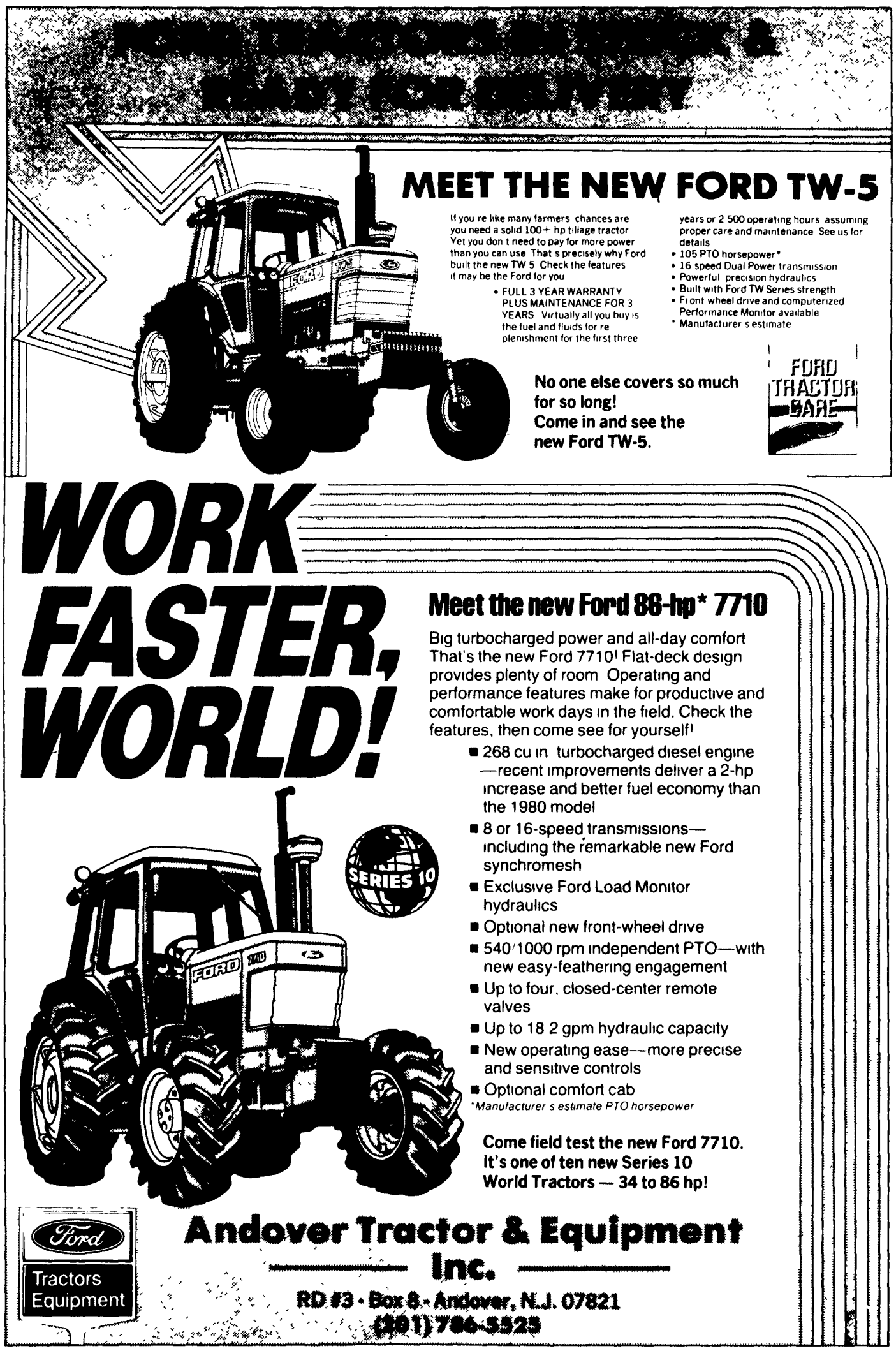
Ford 8N



Ford 4610SU Tractor



Ford 5610 Tractor


MEET THE NEW FORD TW-5
If you re like many farmers chances are you need a solid 100+ hp tillage tractor Yet you don t need to pay for more power than you can use That s precisely why Ford built the new TW 5 Check the features it may be the Ford for you
• FULL 3 YEAR WARRANTY PLUS MAINTENANCE FOR 3 YEARS Virtually all you buy is the fuel and fluids for re plenishment for the first three years or 2 500 operating hours assuming proper care and maintenance See us for details
• 105 PTO horsepower*
• 16 speed Dual Power transmission
• Powerful precision hydraulics
• Built with Ford TW Series strength
• Front wheel drive and computerized Performance Monitor available
* Manufacturer s estimate
No one else covers so much for so long!
Come in and see the new Ford TW-5.
FORD TRACTOR CARE
WORK FASTER, WORLD!
Meet the new Ford 86-hp* 7710
Big turbocharged power and all-day comfort That's the new Ford 7710! Flat-deck design provides plenty of room Operating and performance features make for productive and comfortable work days in the field. Check the features, then come see for yourself!
■ 268 cu in turbocharged diesel engine —recent improvements deliver a 2-hp increase and better fuel economy than the 1980 model
■ 8 or 16-speed transmissions— including the remarkable new Ford synchromesh
■ Exclusive Ford Load Monitor hydraulics
■ Optional new front-wheel drive
■ 540/1000 rpm independent PTO—with new easy-feathering engagement
■ Up to four, closed-center remote valves
■ Up to 18 2 gpm hydraulic capacity
■ New operating ease—more precise and sensitive controls
■ Optional comfort cab
*Manufacturer s estimate PTO horsepower
SERIES 10
Come field test the new Ford 7710. It's one of ten new Series 10 World Tractors — 34 to 86 hp!
Ford
Tractors Equipment
Andover Tractor & Equipment Inc.
RD #3 - Box 8 - Andover, N.J. 07821
(201) 786-5525

Trenton Ford Tractor, N.J. Leader

Trenton Ford Tractor, Inc. at 2836 Brunswick Pike, Trenton, N.J. has its ultra-modern facility on 3.5 acres of ground.

The edge in business today seems to fall to those who keep pace with technology. Trenton Ford Tractor Inc. is on the leading edge of that technology — they were the first dealer in New Jersey to have the Ford FTMIS computer system fully operational.

As a result of that computerization, Wayne Harley can keep his parts department fully stocked and ready to serve customers in central New Jersey and southeastern Pennsylvania.

Although Trenton Ford has only been in business for five years, most of the people in the dealership have experience that extends well before 1979. For instanced, Frank Plotts Jr., president, has been in the Ford tractor business for 10 years as has Wayne Harley. Salesman Bill Coale has been with Fords for three decades.

Two employees — Bookkeeper and Computer Manager Eleanor Benyon and Jerry Gearhart, shop foreman and head mechanic — share 20 years of experience each. Bob Johnson's five years in sales and Service Manager John Souza with three years experience round out more than a century of experience under one roof.

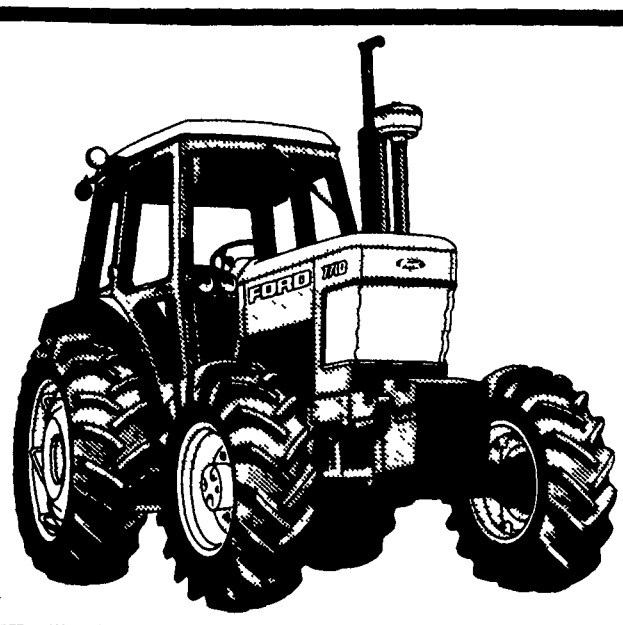
This full service tractor dealership sells, leases and rents Ford tractors and equipment. They have a full staff at certified Ford mechanics in a complete shop with two fully equipped road service vehicles. The modern facilities sit on 3.5 acres of ground at 2836 Brunswick Pike, Trenton, N.J.

They proudly display Ford's Sales Achievement Award for 75 tractor sales in 1983.

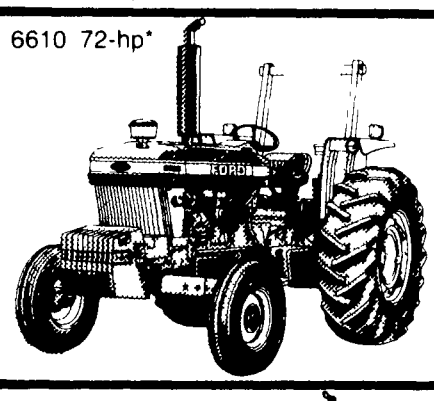
Throughout the year, Trenton will be featuring a full range of service seminars for their customers.

MEET A NEW WORLD OF FORD POWER!

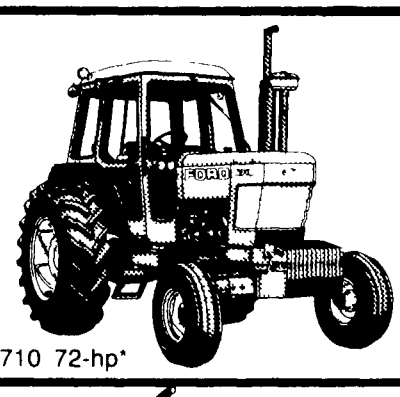
We call our new Series 10 tractors the World Tractors because they're built to meet the demands of farming around the world... and they've got what it takes to take care of your world of farming, too! Check these features, then come field test one. Discover a new world of power.



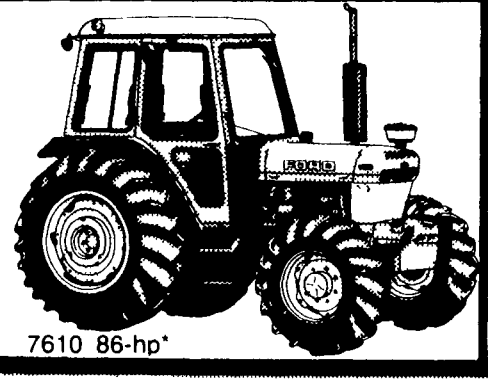
7710 86-hp*



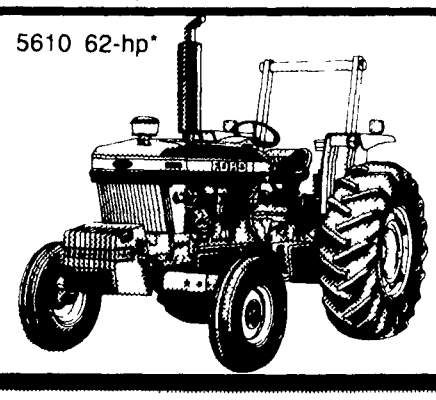
6610 72-hp*



6710 72-hp*



7610 86-hp*



5610 62-hp*

Check the new mid-size Ford World Tractors... 62 to 86 hp*

- Diesel engines deliver more power and better fuel economy than the models they replace.
- Choose either 8x2 dual range or the new 8x4 synchromesh transmission. Both are available with Dual Power for 16 forward speeds.
- Optional mechanical front-wheel drive engages on-the-go with a handy electrical switch
- New hydraulic systems up to 18.2 gpm capacity Improved control. Add up to four, closed-center remote valves
- Category II hitch
- PTO has smooth, easy-to-feather engagement.
- New power-steering system offers quick response, low effort.
- New styling features a hinged front shell for easy servicing on most models.
- Optional comfort cab.

You oughta try the world of Ford now!

*Manufacturer s estimated PTO horsepower

Ford Tractors Equipment

TRENTON FORD TRACTOR, INC.

• Sales • Lease • Rental • Service

2836 Brunswick Pike (US1)
Cor. Carnegie Rd. Trenton, N.J.
(215) 752-0867 (609) 883-7360

Ford Tractors Equipment

Montrose Tractor Sales adds Computer Line

Ford 7610 Front-Wheel Drive Tractor

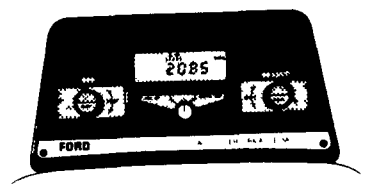
"We are absolutely convinced that the computer will be an important part of the farm scene and, next to the tractor, it will be the most important farm tool." That's why Montrose Tractor Sales has added a computer line to their dealership.

Hap Syle, who bought the Montrose, Pa. business last year from the Lathrop family, thinks that Ford tractors and modern technology belong together. "If you are not growing, you are falling behind," sums up his business philosophy

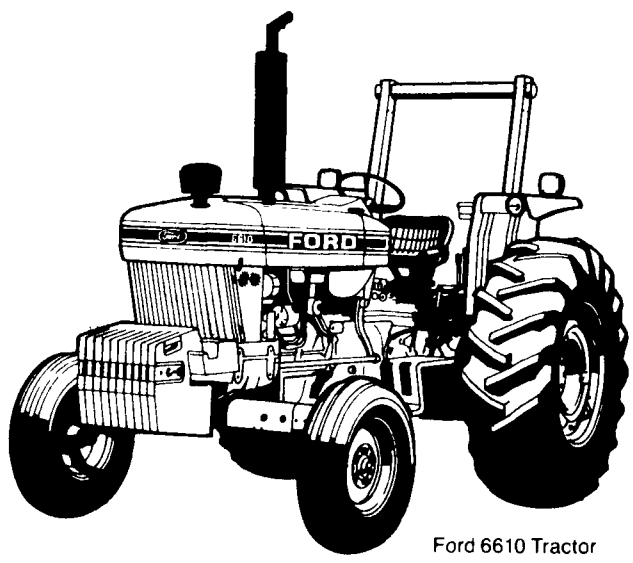
The dealership is forward looking and progressive — they are concerned with the needs of tomorrow's farmer. But they don't forget the commitment that they have to their current customers. To support the needs of those customers they are reviewing and revising their inventory service to make it even more responsive.

Service Manager Roy Holbrook has been keeping Montrose customers' equipment operating for 25 years and anchors that commitment to service. Salesmen Don Page and Frank Bergman fit farmers' needs to the quality Ford equipment that will do the job for them. Hap's sons, Chip and Tom are active in the parts and administrative aspects of the business

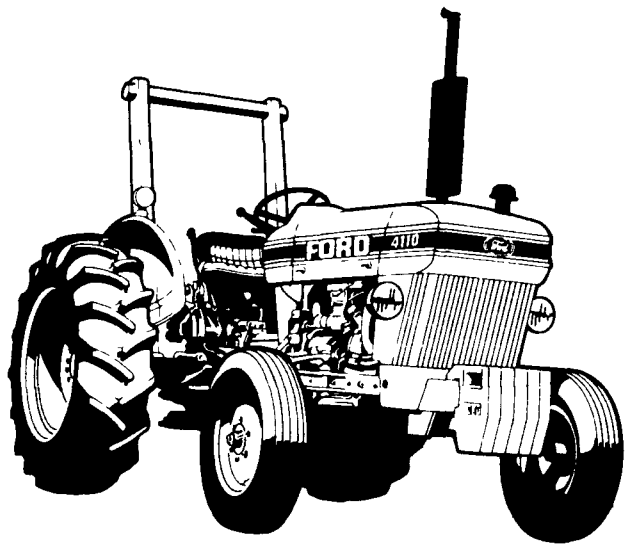
They expect to display their wares at the Hartford Fair in August and they look forward to an open house in March. "There is no time for an open house right now, we are just too busy working for our customers," Hap concludes.



Ford Performance Monitor



Ford 6610 Tractor



Ford 4110 Tractor

Ford NAA

PULL AHEAD!

Ford TW with front-wheel drive.

Come see the great new Ford TW Series. Four models, from 105 to 170 PTO horsepower* They're the toughest, most powerful tractors Ford has ever built. And, they can be equipped with front-wheel drive.

Cut tillage time and fuel consumption by up to 20%!

Tests prove front-wheel drive could cut tillage time and fuel consumption by up to 20% on a per acre basis, depending on tractive conditions. That means you could pack 12 hours of work into a 10-hour day...on 10 hours worth of fuel, depending on your conditions! And, the Ford mechanical front-wheel drive system offers many other advantages:

- Tight, maneuverable 50-degree turning angle
- On-the-go engagement
- Automatic limited-slip differential
- Rugged construction

PLUS ... TW-5, TW-15, TW-25 and TW-35 tractors are backed by a full 3-year warranty plus free maintenance for 3 years. Virtually all you'll buy is fuel and fluids for replenishment for the first three years or 2,500 operating hours, assuming proper care and maintenance. Stop in for all the details.

*Manufacturer's estimate

Montross Tractor Sales

P.O. Box 99
Montross, Pa. 18801
(717) 278-3845

Ford Tractors Equipment

Lloyd Gifford "Is" Farmington Garage

If you call Farmington Garage and ask for the owner, sales, service, parts, airport manager or chief pilot you will end up talking with Lloyd G. Gifford.

"After I got out of the Navy I went to flight school," notes Gifford. He then returned to "downtown" Farmington and opened up an auto repair shop. That was 35 years ago and in 1956 he took on the Ford tractor line.

Today, the garage, whic is at 1016 Biggs Highway offers the complete Ford tractor line and specializes in parts for Ford tractors built since 1939.

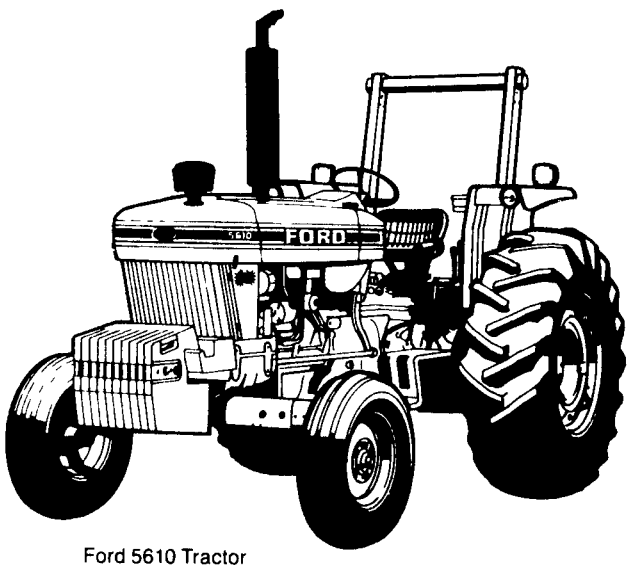
"The other day a fellow from West Chester called looking for a transmission gear for a 4-speed transmission on a 1956 Ford tractor," he remembers. The customer was surpised that Farmington Garage had the part because the list of places he called extended to two pages.

Lloyd is impressed with the changes he has seen in his customers over the years. "Over all, farmers are more business-like and professional than they had been in the early days of this dealership."

He concentrates on providing a good product and following up with service when it is needed.

"In the winter when things slow down, I overhaul airplanes," concludes this multi-talented Ford dealer.

Farmer-Run Stanley's Farm Service Open Since 1946



Ford 5610 Tractor

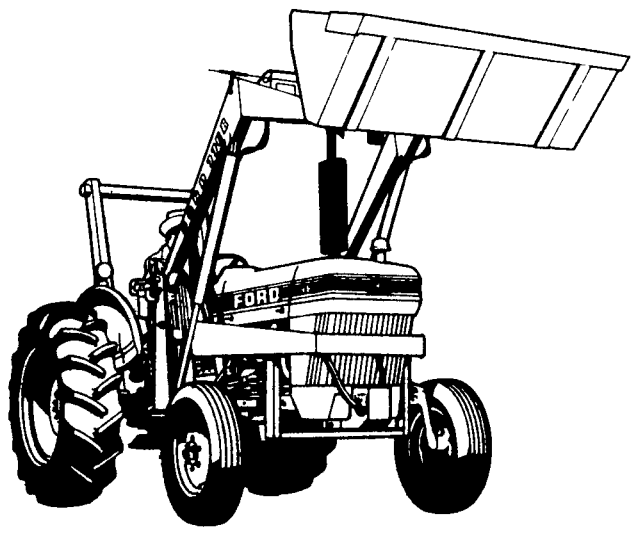
You expect your Ford tractor dealer to know and understand your farming problems, but at Stanley's Farm Service, Klingerstown, Pa. farming is a way of life.

Stanley Kreywiski was, and still is, a farmer. In 1946 he started selling Ford tractors and implements to his Schuylkill County neighbors. In 1965 he turned the business over to his sons, Stan and Frank, and went back to farming. You will find Stanley's Farm Service between Higgins and Pitman on State Route 125.

Stan and Frank can tell you the names of all of their customers and most of the people in those farm families. But most of all they know exactly what problems their customers have and they can suggest just the right Ford product to solve those problems.

They sell new and used tractors, service, parts and lawn and garden products. But agricultural sales to a general farming population is the majority of their business.

Both the Tri-Valley and Line Mountain FFA programs are supported by Stanley's — they provided tractors and spreaders for the annual tractor driving contest. Look for a Stanley's Farm Service display at the Bloomsburg Fair again this year.



Ford 3610 Tractor with 776B Loader

easy on fuel!

The stocky new Ford 1510 gets excellent results from every gallon of fuel with:

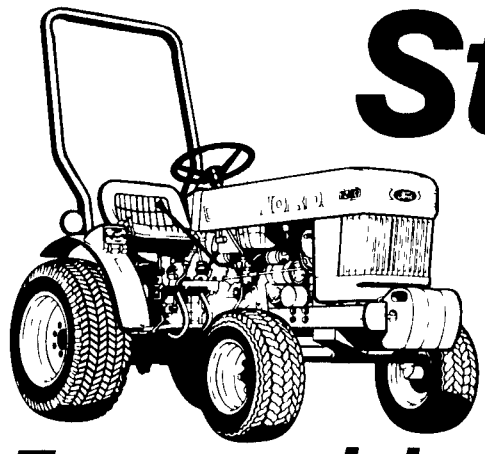
- A fuel-efficient liquid-cooled diesel engine that produces 19.5 PTO horsepower.
- A standard 12 x 4 mechanical transmission that gives you a speed for most every job.
- Optional Synchronized Manual Shuttle transmission to help speed shuttle operations.
- Optional front-wheel drive for extra traction, which could save time and fuel in some field conditions.

STOP BY AND TEST THE NEW FORD 1510 SOON!

STANLEY'S FARM SERVICE
Klingerstown, Pa. 17941
(717) 648-2088

Ford Tractors Equipment

Stocky new Fords



For many jobs...they can do it!

New Ford 1000 Series compact tractors do many of those jobs you need done. And a whole lot more. Consider:

- Six models—11 5 to 28 5 PTO horsepower
- Fuel efficient three-cylinder diesel power
- 10 or 12-speed transmission
- Optional front-wheel drive
- Live hydraulics
- 540 rpm PTO
- Cat. I 3-point hitch

Come see the stocky new Ford 1000 Series tractors for yourself
Then start thinking of the jobs they could do for you.

USED EQUIPMENT AVAILABLE NOW

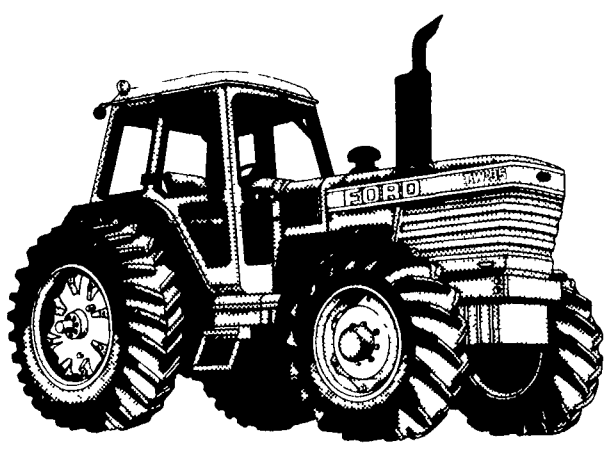
FORD 8N FORD 9N
FORD 4500 TRACTOR LOADER BACKHOE

FARMINGTON GARAGE
Route #1
Rising Sun, MD 21911
301/658-4911

Ford Tractors Equipment

SEE YOUR FORD TRACTOR DEALER SOON.

1000 Series tractors are available in six compact models.



TW Series tractors are available in sizes from 105-170 PTO horsepower.

Series 10 tractors range from 32-86 PTO horsepower.

PENNSYLVANIA

ACME
Chackans Sales of Acme
412/423-4666

CONCORDVILLE
Wenner Ford Tractor, Inc.
215/399-9615

CRALEY
H. C. Frey, Inc.
717/244-0692

DANVILLE
Bloom Tractor Co., Inc.
717/275-2510

DOVER
Straley Farm Supply, Inc.
717/292-2631

DUSHORE
Fitzpatrick & Lambert
717/928-8184

EBENSBURG
Cambria Tractor & Equipment
814/472-7300

EDINBORO
College Ford, Inc.
814/734-1616

EMMAUS
Beck Bros. Tractor-Equipment Sales
215/965-5277

EVERETT
East End Tractor Sales, Inc.
814/623-8618

EXPORT
Route 66 Tractor Supply
412/327-7226

GREENVILLE
Larimer Ford Tractor Sales
412/588-4668

HALIFAX
Sweigard Brothers
717/896-3414

HANOVER
Saltzgivers, Inc.
717/632-9119

HONESDALE
Krempasky Equipment Co.
717/253-2690

IVYLAND
Wm. Hobensack's Sons
215/675-1610

JERSEY SHORE
Frank L. Meixel
717/745-7422

KLINGERSTOWN
Stanley's Farm Service
717/648-2088

KUTZTOWN
O. J. Fritz
215/285-2913

LANCASTER
Lancaster Ford Tractor, Inc.
717/569-7063

LEBANON
Keller Bros. Tractor Co.
717/949-6501

MARION CENTER
Allegheny Farm Service
412/397-5533

MARTINSBURG
D. W. Doc Hoover, Inc.
814/793-2128

MECHANICSBURG
J & R Ford Tractor Sales
717/766-0708

MILL HALL
Dotterer Equipment, Inc.
717/726-3471

MONTROSE
Montrose Tractor Sales
717/278-3845

NEW HOLLAND
Allen H. Matz, Inc.
717/354-2214

OAKDALE
Pascoe Equipment Co., Inc.
412/788-4507

PROSPECT
Shaffer Tractor Sales
412/865-2091

REYNOLDSVILLE
McGarvey Equipment, Inc.
814/653-9637

ROME
Allis Hollow Equipment
717/247-2601

SAYRE
Ben VanDusen Machinery Sales
607/529-3294

SHIPPENSBURG
Cumberland Valley Cooperative
717/532-7811

SOMERSET
Chackans Sales of Acme
814/443-4197

TAMAQUA
Charles S. Snyder, Inc.
717/386-5945

TAYLOR
Empire Equipment Co., Inc.
717/457-2041

TEMPLE
Frank's Ford Tractor Sales Co.
215/929-2884

TROY
McClure Ford Tractor Sales
717/297-3282

TUNKHANNOCK
K K & S Ford Tractor Sales
717/836-2742

UNION CITY
Kafferlin Sales & Service
814/438-7636

WAYNESBURG
VanDruff Tractor & Implement
412/627-5484

WELLSBORO
Benedict's Ford Tractor
717/724-2839

WEST ALEXANDER
Don Swart Equipment
412/484-7509

DELAWARE

CHESWOLD
Del-Mar Ford Tractor, Inc.
302/678-8484

SELBYVILLE
Selbyville Ford Tractor
302/436-5121

MARYLAND

BALTIMORE
Security Ford Tractor, Inc.
301/247-9600

CHURCHVILLE
Walter G. Coale, Inc.
301/879-1434

FREDERICK
Sperry New Holland Ceresville
301/662-4197

GAITHERSBURG
Gaithersburg Ford Tractor Co.
301/948-6575

HAGERSTOWN
Antietam Ford Tractor, Inc.
301/791-1200

MOUNTAIN LAKE PARK
Arnold Bros. Equipment Corp.
301/334-9605

POCOMOKE CITY
Pocomoke Machinery & Implement
301/957-0533

PRINCE FREDERICK
Dorsey Gray, Inc.
301/535-0900

RANDALLSTOWN
Security Ford Tractor, Inc.
301/655-9600

RISING SUN
Farmington Garage
301/658-6911

UPPER MARLBORO
Gateway Ford Tractor, Inc.
301/627-6400

NEW JERSEY

ANDOVER
Andover Tractor-Equipment, Inc.
201/786-5525

BRIDGETON
Leslie G. Fogg, Inc.
609/451-2727

FAIRFIELD
Caldwell Tractor & Equipment, Inc.
201/227-6772

FREEHOLD
Shore Tractor Co.
201/462-8822

GREEN BROOK
Landpower Equipment, Inc.
201/968-6700

MARLTON
Cherry Valley Ford Tractor
609/983-0111

RICHWOOD
Eastlack Sons, Inc.
609/589-3953

TRENTON
Trenton Ford Tractor, Inc.
609/883-7360

VINELAND
Allonardo Bros. Garage
609/697-0106

WASHINGTON
Smith Tractor & Equipment, Inc.
201/689-7900

Ford
Tractors
Equipment